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PHILADELPHIA, May, 1894.

We take pleasure in presenting you with our new Illustrated Catalogue of

BUILDERS' HARDWARE.

In preparing this catalogue we have been actuated by an earnest desire to make it as useful as possible to our customers, as well as an advertising medium for ourselves.

This catalogue contains a variety of goods of the best styles of the leading Hardware Manufacturers, which we are prepared to sell at lowest market rates.

Our Bronze Metal Hardware will, unless specially ordered, be furnished Light Bronze.

We would especially recommend the Bronze-Plated finish; it is intended to take the place of Real Bronze Hardware; it is finished to imitate real bronze, and is much lower in price. This finish looks well and wears well.

If you are in need of anything in the hardware line, send us a list of what you want and we will be pleased to furnish you with an estimate.

In ordering goods from our catalogue it is best to give the page on which it is found, in addition to its name.

We here take occasion to express thanks to our customers for the very liberal patronage and encouragement they have extended to us, and hope and expect an increased continuance of their orders.

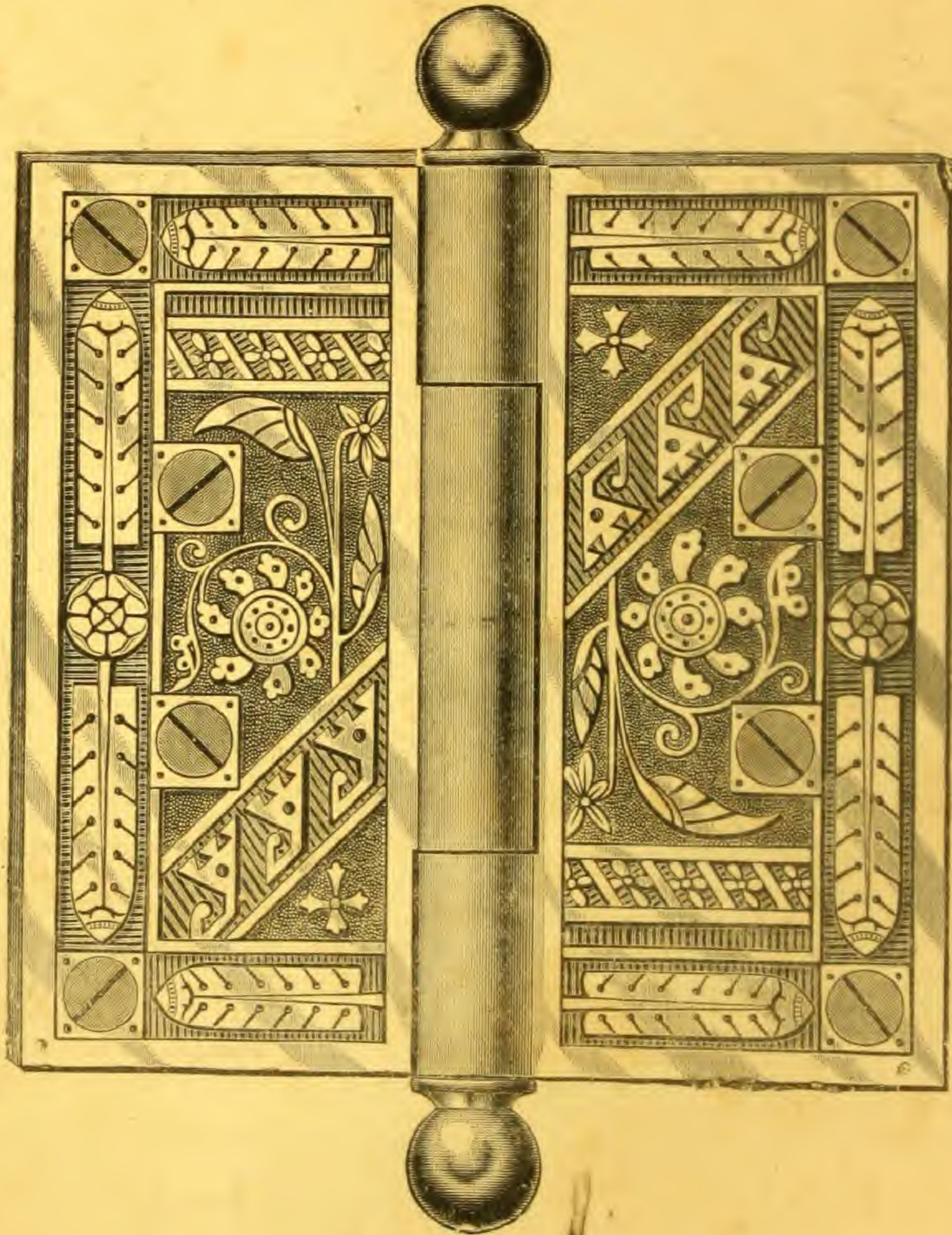
Respectfully yours,

J. B. SHANNON & SONS,

No. 1020 Market Street, Philadelphia.

ORNAMENTAL LOOSE PIN BUTTS.

Bronze Metal.



No. 1276. Bronze Metal.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per pair, with Screws,	\$0 70	\$0 85	\$1 00	\$1 15	\$1 40

FOR RIGHT OR LEFT-HAND DOORS.

Inch.
Per Pair.

COLUMBIAN DESIGN.

Antique Copper-Plated.
LOOSE PIN BUTTS.



No. 1893. Antique Copper-Plated.

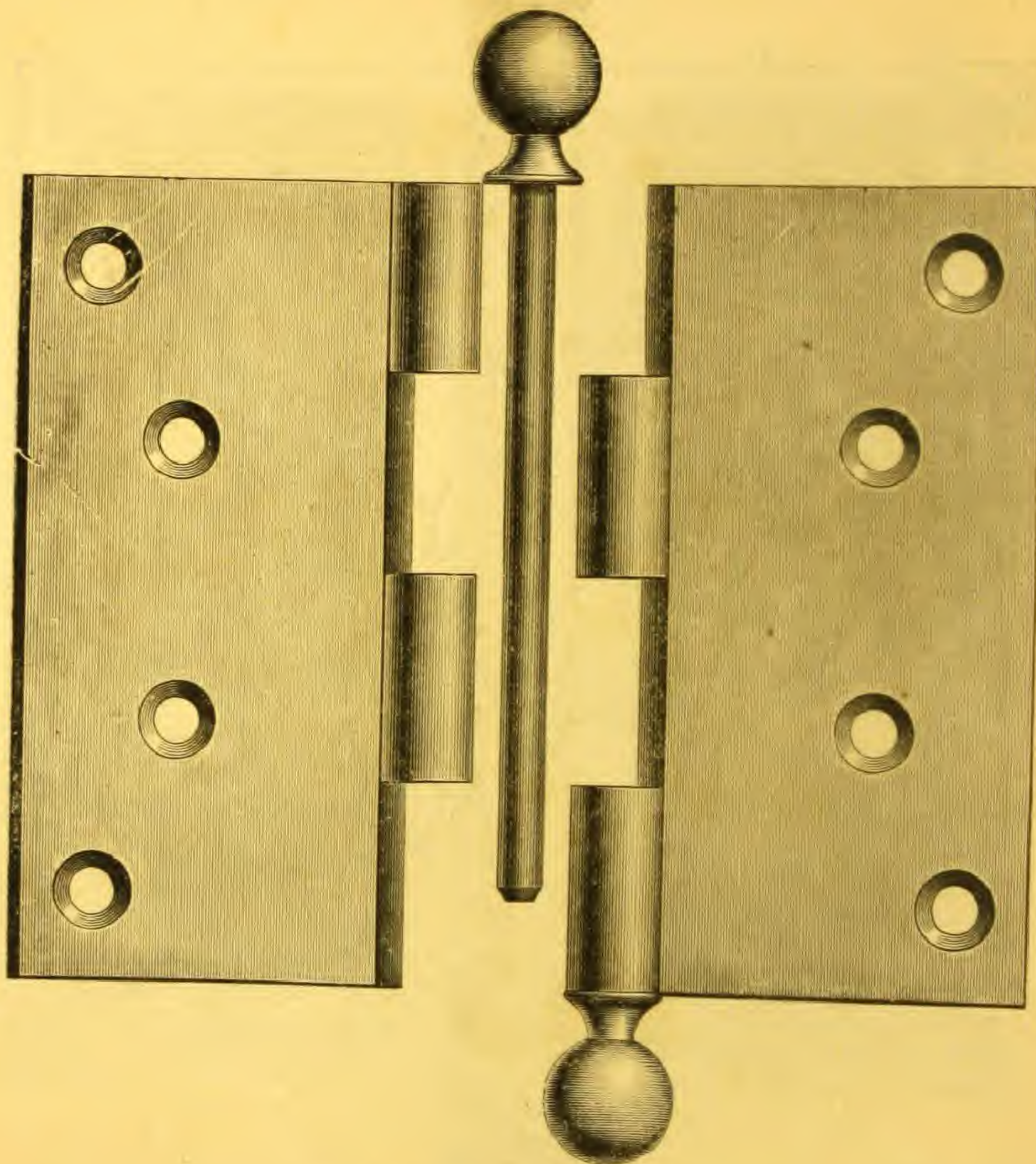
Inch,	3x3	3 1/2 x 3 1/2	4x4	4 1/2 x 4 1/2	5x5
Per Pair,	\$0 50	\$0 55	\$0 60	\$0 65	\$0 80

One Pair in a Box.

FOR RIGHT OR LEFT-HAND DOORS.

FINE POLISHED LOOSE PIN BUTTS.

Bronze Metal.



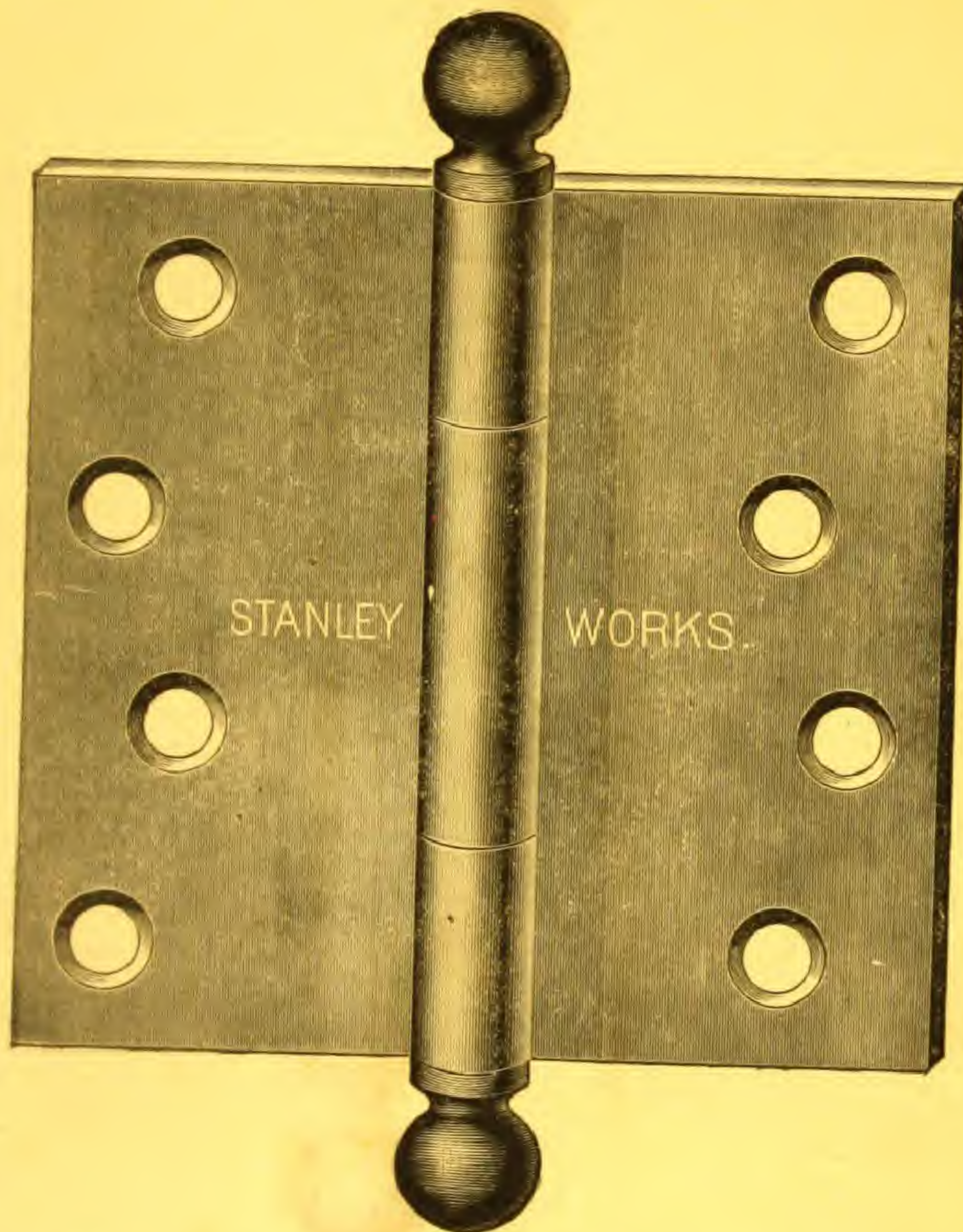
No. 290. Bronze Metal.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair,	\$0 65	\$0 70	\$0 90	\$1 00	\$1 25

FOR RIGHT OR LEFT-HAND DOORS.

BRONZED LOOSE PIN BUTTS.

Wrought Steel.



No. 1273. EXTRA FINE POLISHED HINGE. Bronze-Plated.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair, with Screws,	\$0 38	\$0 40	\$0 50	\$0 60	\$0 65

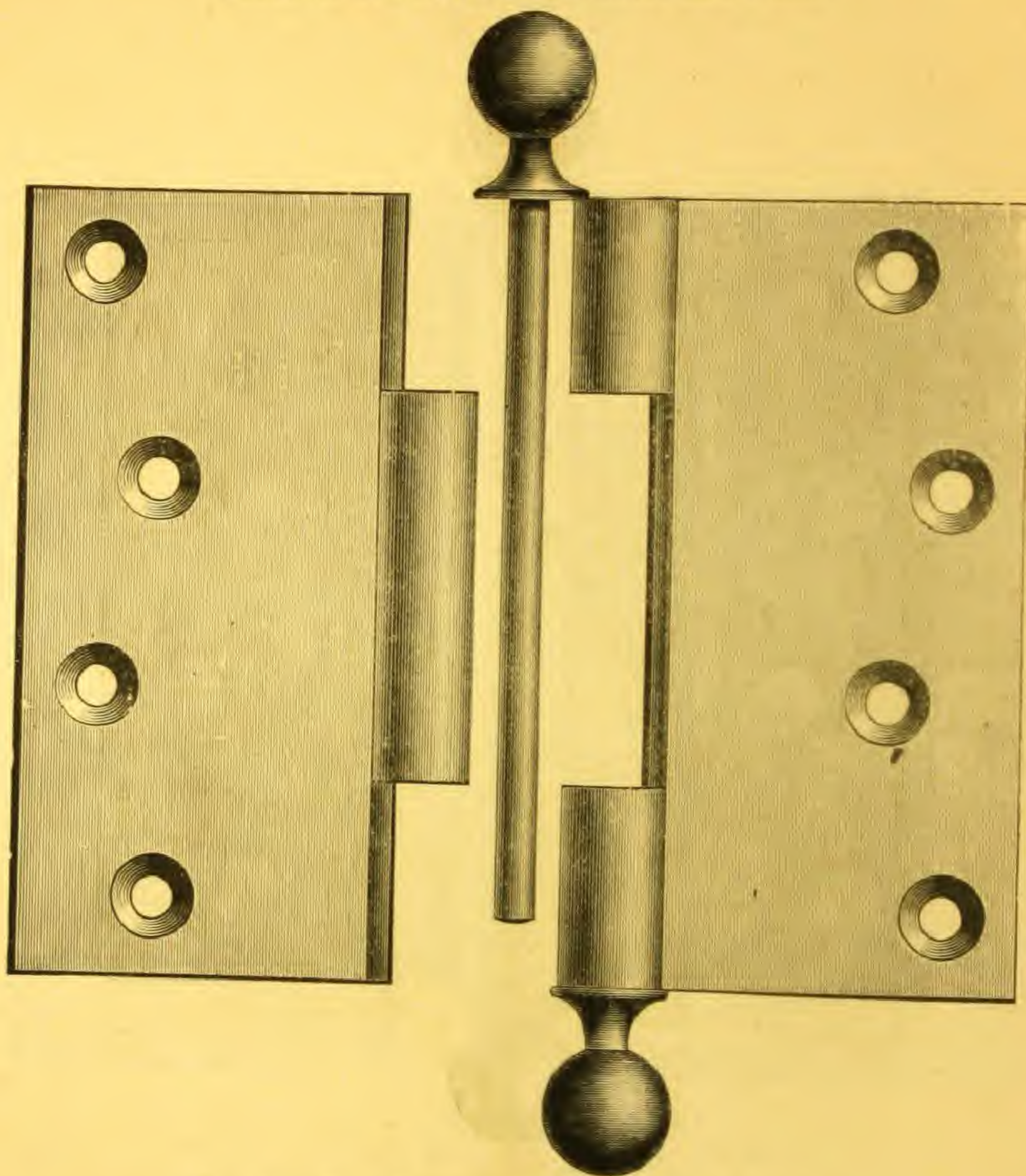
No. 270. PLAIN FINISHED HINGE. Bronze Plated.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair, with Screws,	\$0 20	\$0 25	\$0 30	\$0 35	\$0 40

FOR RIGHT OR LEFT-HAND DOORS.

LOOSE PIN BUTTS.

Boston (or Tucker) Bronze and Bower-Barff Finish.



No. 271. FINE POLISHED HINGES. Boston Bronze.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair, with Screws,	\$0 25	\$0 28	\$0 32	\$0 38	\$0 43

No. 272. FINE POLISHED HINGES. Bower-Barffed.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair, with Screws,	\$0 50	\$0 65	\$0 80	\$1 05	\$1 25

We would especially recommend the Bower-Barff finish; it gives a beautiful blue-black effect, and is unchangeable by exposure to the weather.

Sizes.
Per Pair,

ORNAMENTAL LOOSE PIN BUTTS.

Bronze-Plated.



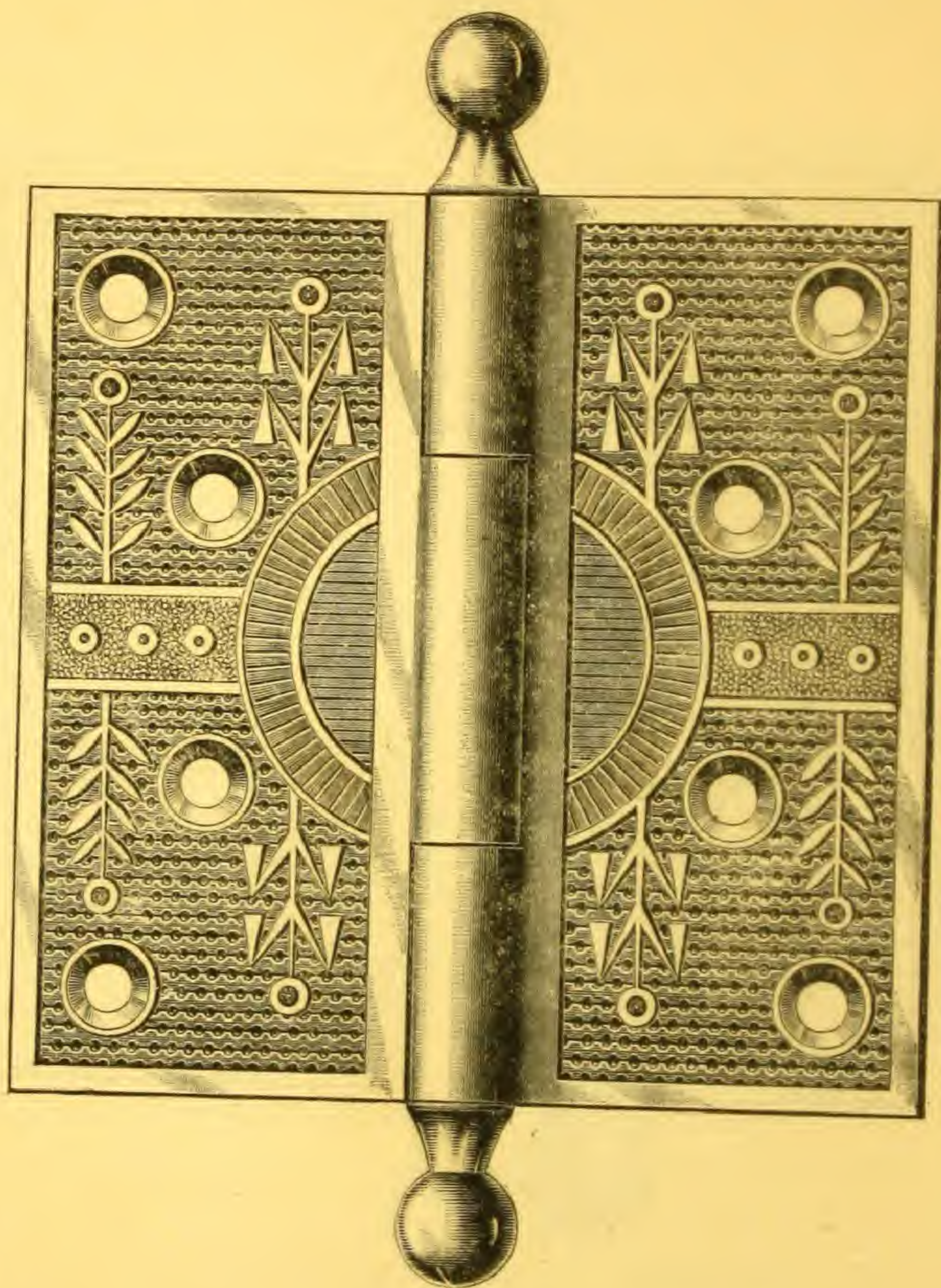
No. 289. LIGHT BRONZED. Finely Polished and Bronze-Plated.

Sizes.	3x3	3½x3½	4x4	4½x4½	5x5 inch.
Per Pair,	\$0 28	\$0 30	\$0 35	\$0 40	\$0 45

FOR RIGHT OR LEFT-HAND DOORS.

ORNAMENTAL LOOSE PIN BUTTS.

Copper-Bronzed.



No. 282.

Sizes,	3x3	3½x3½	4x4	4½x4½	5x5 inch
Per doz. Pairs, with Screws, . . .	\$1 50	\$1 90	\$2 35	\$3 00	\$3 75
Per Pair, with Screws,	15	19	24	30	38

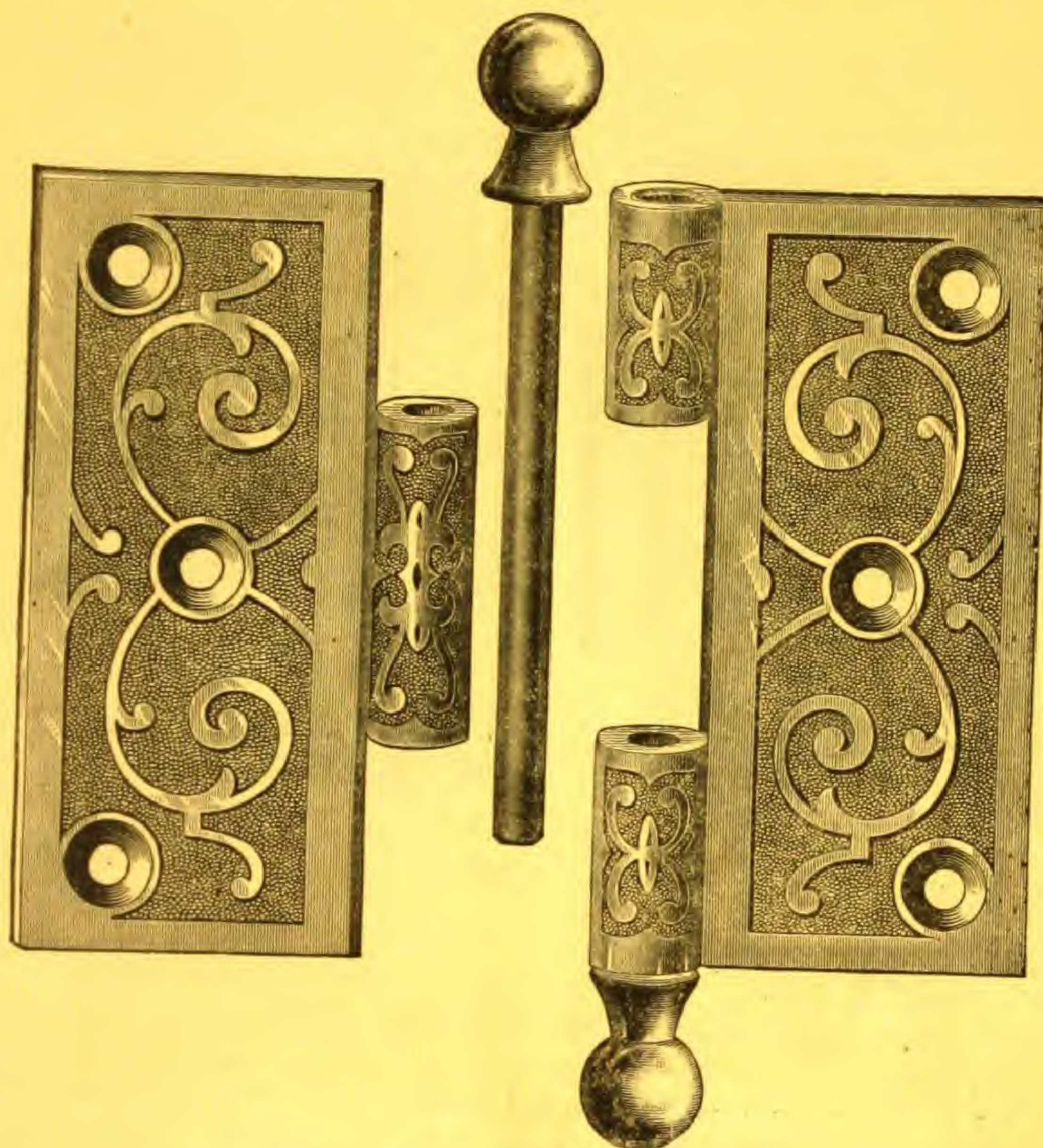
FOR RIGHT OR LEFT-HAND DOORS.

Sizes, . . .
Per doz. Pa
Per Pair, w

Sizes, . . .
Per doz. Pa
Per Pair, w

CAST-IRON LOOSE PIN BUTTS.

Ball Tips.



No. 2262. Cast-Iron, Loose Pin Ball Butts.

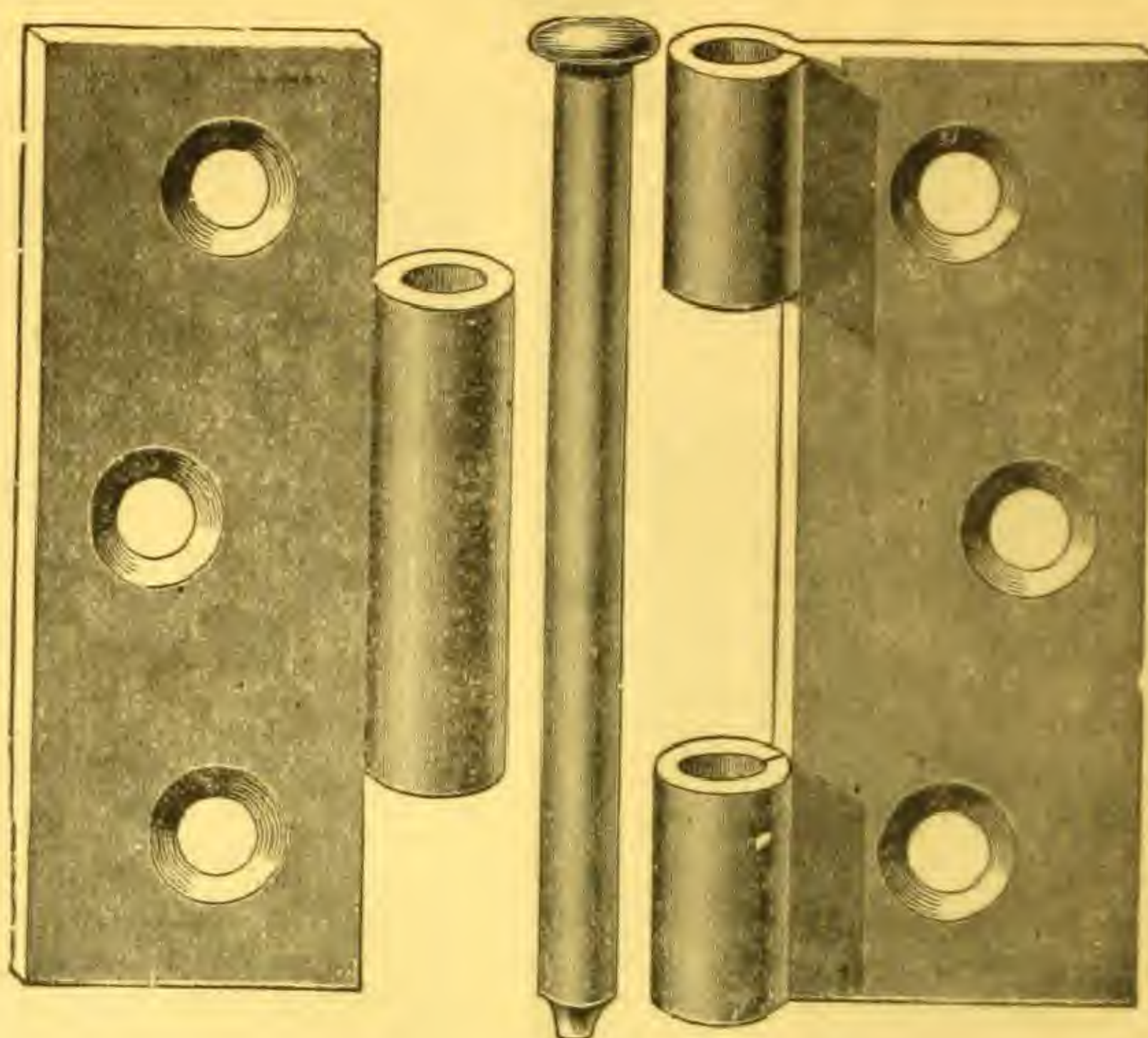
Sizes,	$2\frac{1}{2} \times 2\frac{1}{2}$	3×3	$3\frac{1}{2} \times 3\frac{1}{2}$	4×4	$4\frac{1}{2} \times 4\frac{1}{2}$	5×5 inch.
Per doz. Pairs, without Screws, \$	36	47	63	75	1 10	1 50
Per Pair, with Screws,	07	08	10	12	15	20

No. 2263. Japanned Iron, Loose Pin Ball Butts.

Sizes,	$2\frac{1}{2} \times 2\frac{1}{2}$	3×3	$3\frac{1}{2} \times 3\frac{1}{2}$	4×4	$4\frac{1}{2} \times 4\frac{1}{2}$	5×5 inch.
Per doz. Pairs, without Screws, \$	70	80	1 00	1 20	1 50	1 90
Per Pair, with Screws,	10	12	15	16	20	28

FOR RIGHT OR LEFT-HAND DOORS.

WROUGHT-STEEL BUTTS.



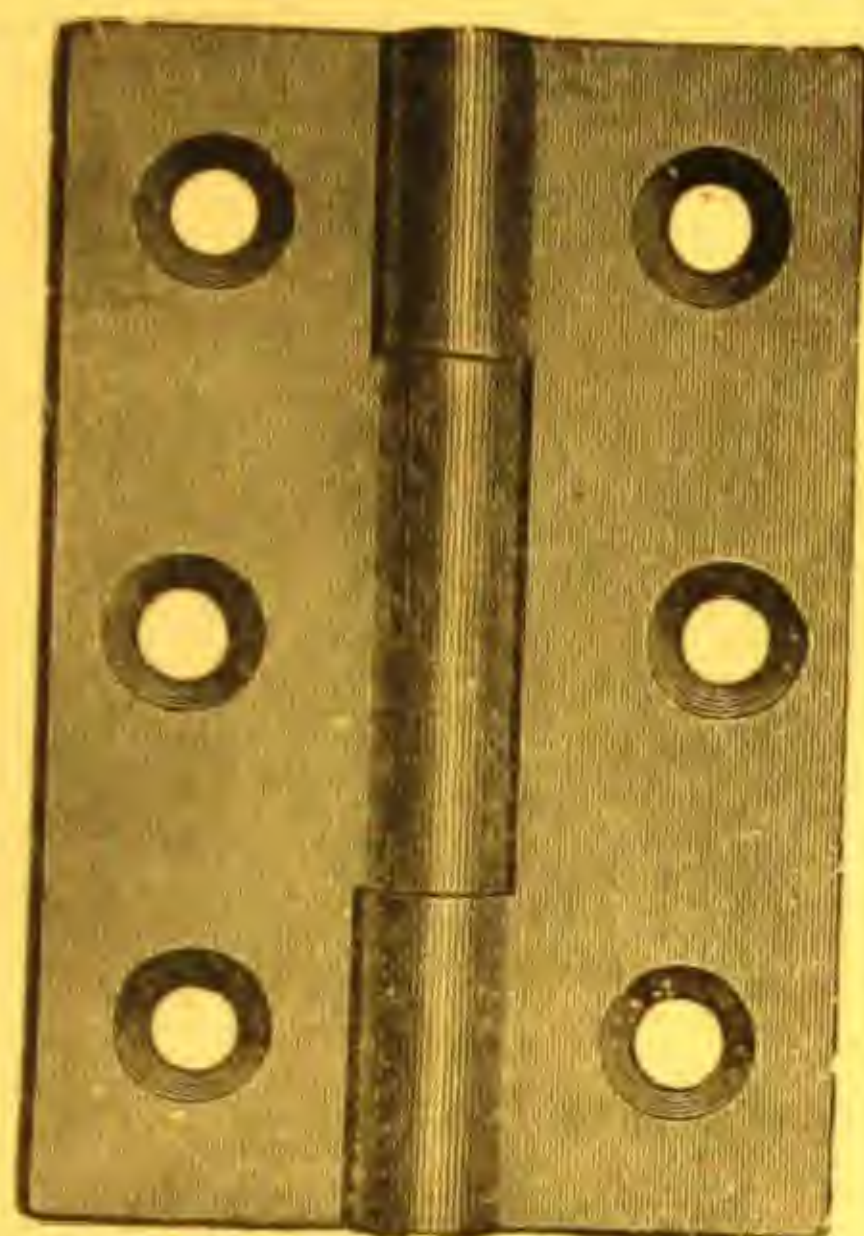
No. 252. Wrought-Steel *Loose Pin* Butts.

Sizes,	$2\frac{1}{2} \times 2\frac{1}{2}$	3×3	$3\frac{1}{2} \times 3\frac{1}{2}$	4×4	$4\frac{1}{2} \times 4\frac{1}{2}$	5×5 inch.
Per doz. Pairs, without Screws, \$	40	60	85	1 00	1 35	1 75
Per Pair, with Screws,	07	08	12	14	18	25

No. 254. Wrought-Steel *Fast Joint* Butts.

Sizes,	$2\frac{1}{2} \times 2\frac{1}{2}$	3×3	$3\frac{1}{2} \times 3\frac{1}{2}$	4×4	$4\frac{1}{2} \times 4\frac{1}{2}$	5×5 inch.
Per doz. Pairs, without Screws, \$	35	50	75	95	1 25	1 45
Per Pair, with Screws,	07	07	10	14	18	20

CAST-IRON BUTTS.



No. 235. FAST JOINTS.

Full Size Cut, 2½ inch.

Cast-Iron Narrow Butts,

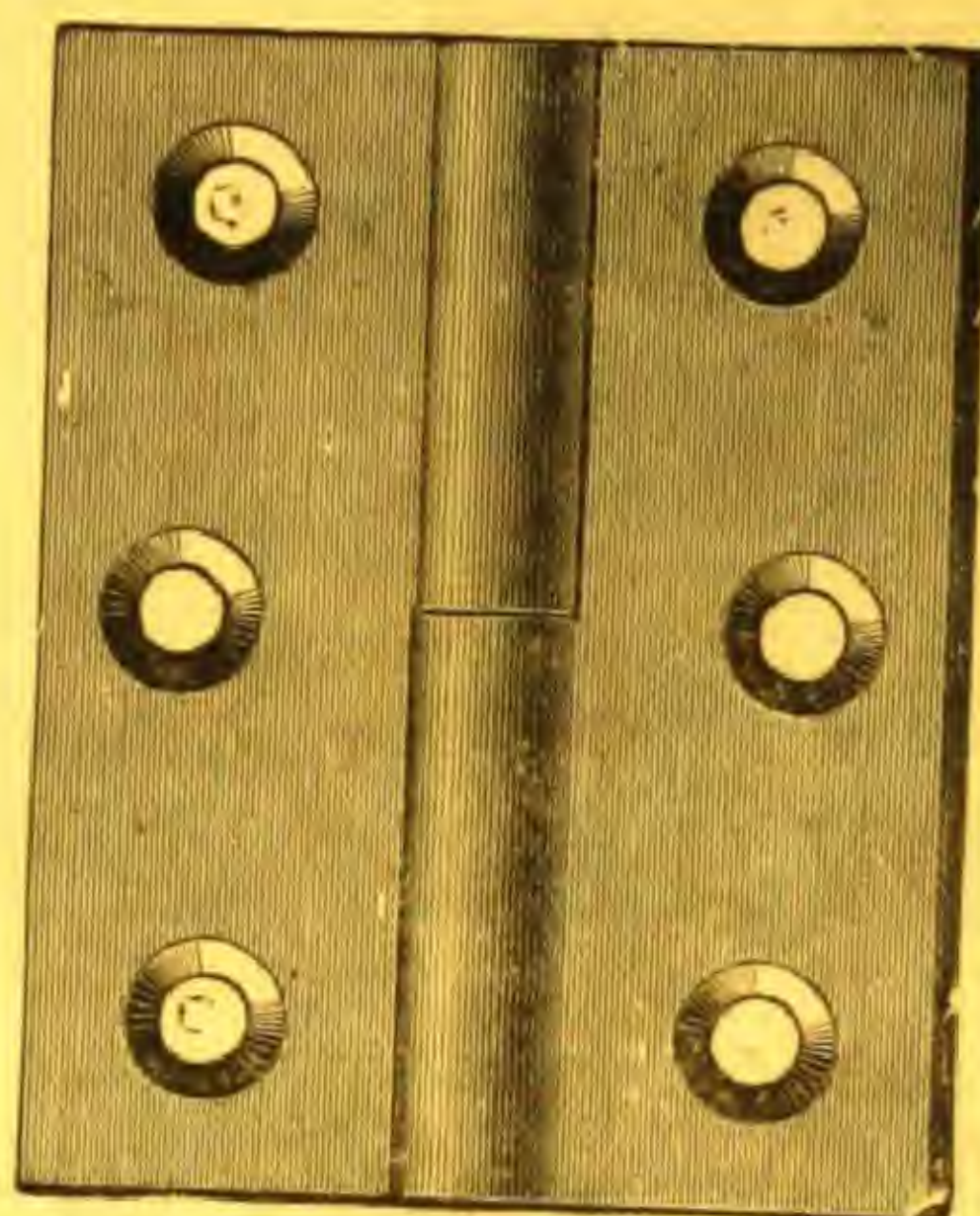
No. 235. FAST JOINTS.

Inch.	Per doz. Pairs, without Screws.	Per Pair, with Screws.
2	\$0 28	\$0 05
2½	32	06
3	43	07

Cast-Iron Broad Butts,

No. 245. FAST JOINTS.

Inch.	Per doz. Pairs, without Screws.	Per Pair, with Screws.
2 x2	\$0 45	\$0 07
2½ x2½	60	09
3 x3	75	10
3½ x3½	1 00	14
4 x4	1 25	18
4½ x4½	1 85	25
5 x5	2 75	32
6 x6	3 75	45



No. 240. LOOSE JOINT.

Full Size Cut, 2½ inch.

No. 240. LOOSE JOINT.

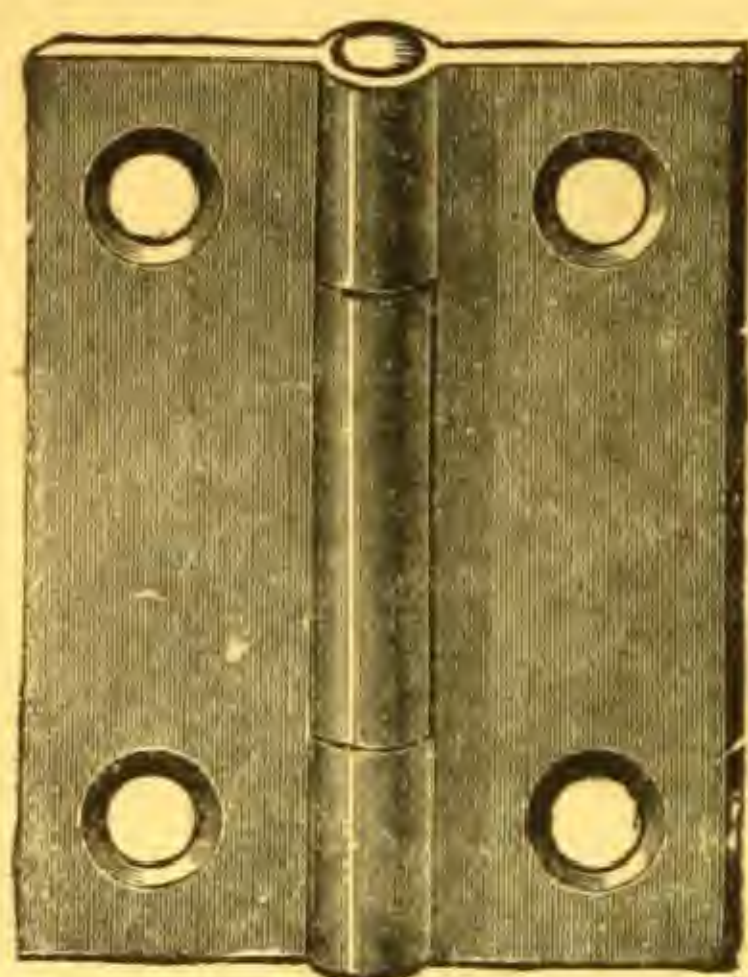
Inch.	Per doz. Pairs, without Screws.	Per Pair, with Screws.
2	\$0 28	\$0 05
2½	32	06
3	42	07

No. 250. LOOSE JOINT.

Inch.	Per doz. Pairs, without Screws.	Per Pair, with Screws.
2 x2	\$0 30	\$0 06
2½ x2½	40	07
3 x3	50	08
3½ x3½	65	10
4 x4	80	12
4½ x4½	1 35	18
5 x5	1 85	25
6 x6	2 55	35

WROUGHT-STEEL SHUTTER BUTTS.

Copper Bronzed.

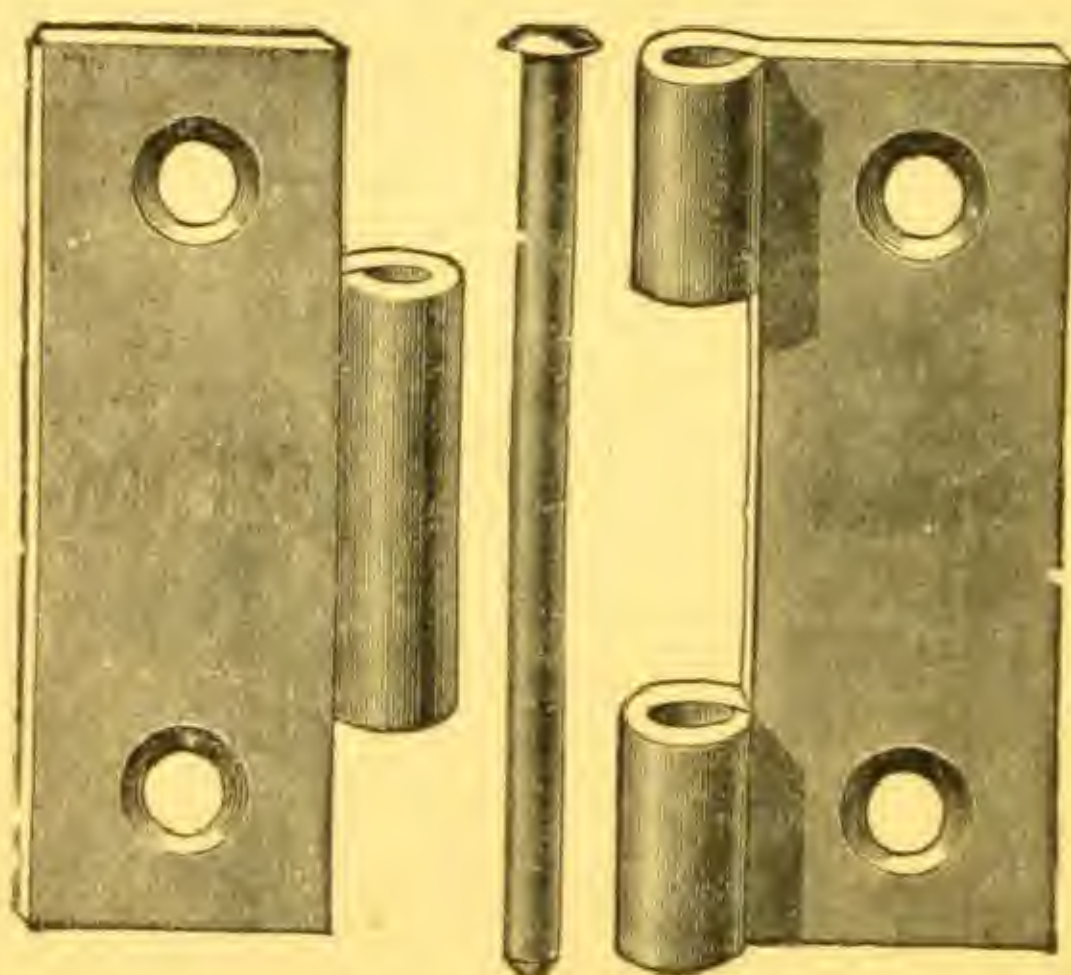


No. 295. Polished Steel.

Sizes,	2	2½	3 inch.
Per doz. Pairs, without Screws, .	\$0 21	\$0 26	\$0 33
Per Pair, with Screws,	05	06	07

No. 284. Copper Bronzed.

Sizes,	2	2¼	2½	3 inch.
Per doz. Pairs, without Screws, \$0	45	\$0 52	\$0 57	\$0 63
Per Pair, with Screws,	06	06	07	08



LOOSE PIN.

No. 293. Polished Steel.

Sizes,	2	2½	3	2x2	2½x2½
Per doz. Pairs, no Screws, .	\$0 25	\$0 30	\$0 40	\$0 30	\$0 40
Per Pair, and Screws,	05	06	07	06	07

No. 298. COPPER BRONZED.

Sizes,	2	2¼	2½	3	2x2	2½x2½
Per doz. Prs., with Scr'ws, \$0	65	\$0 73	\$0 75	\$0 88	\$0 75	\$0 88
Per Pair, with Screws,	07	08	08	10	08	10

BRONZE METAL SHUTTER BUTTS.



No.	Size.	Per dozen Pairs.	Per Pair.
328.	2x1½, Wrought <i>Fast Joint</i> Bronze Metal Shutter Butts, with Screws,	\$1 20	\$0 15
328½.	2x1½, Wrought <i>Loose Pin</i> Bronze Metal Shutter Butts, with Screws,	1 30	0 16
329.	2x1½, Cast Bronze Metal Shutter Butts, with Screws,	2 50	0 25

WROUGHT-STEEL BACK FLAPS.

Polished and Copper Bronzed.



No. 296. Polished Steel.

Sizes,	1 1/8	1 1/4	1 3/8 inch.
Per doz. Pairs, without Screws, . .	\$0 16	\$0 20	\$0 22
Per Pair, with Screws,	05	05	05

No. 332. COPPER BRONZED.

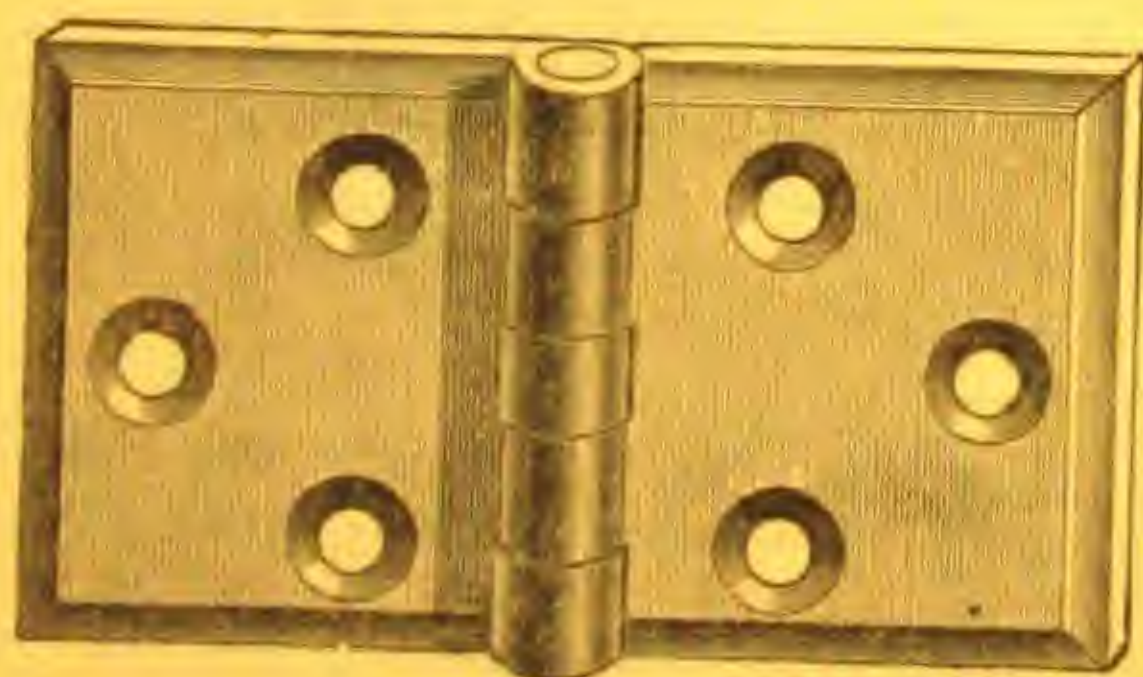
Sizes,	1 1/8	1 1/4	1 3/8 inch.
Per doz. Pairs, with Screws, . . .	\$0 40	\$0 43	\$0 45
Per Pair, with Screws,	06	06	07



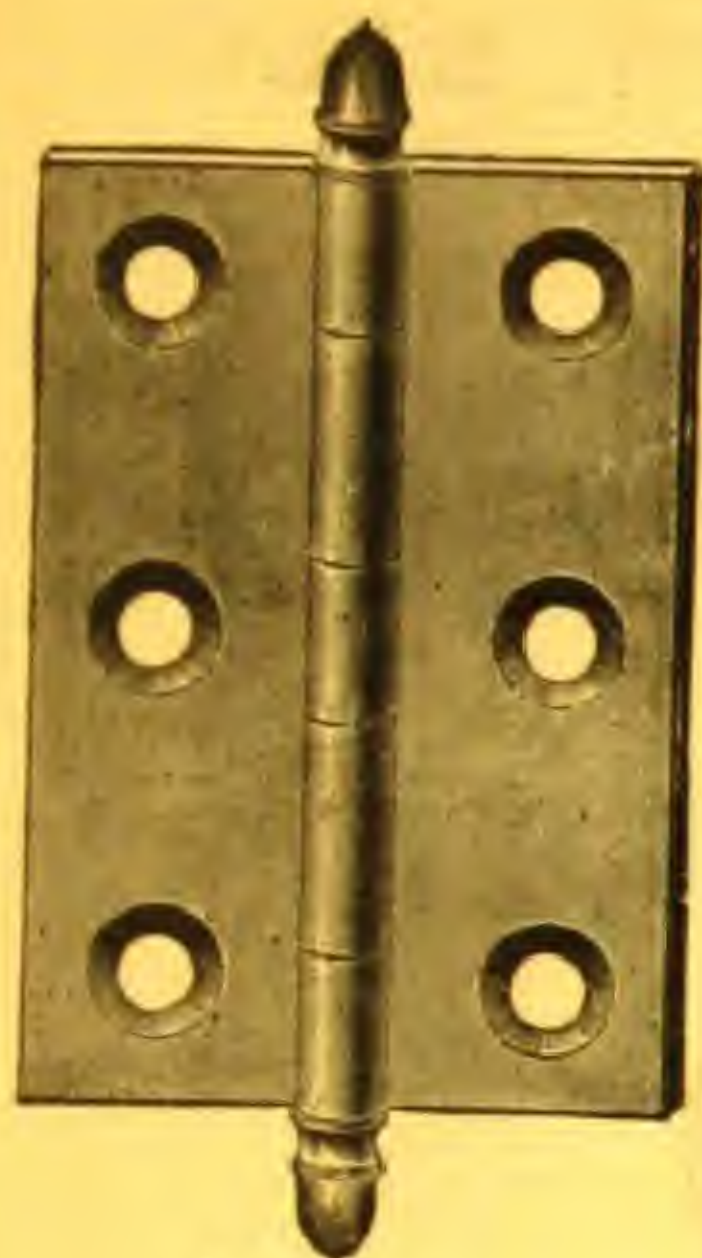
No. 333. COPPER BRONZED. Beveled Edges.

Sizes,	1 1/8	1 1/4 inch.
Per doz. Pairs, with Screws,	\$0 53	\$0 55
Per Pair, with Screws,	07	07

BRONZE METAL BACK FLAPS.



No.	Size.		Doz.	Pair.
338.	1 1/4 x 2,	Wrought Bronze Metal Back Flaps. Beveled edges, with Screws,	\$1 20	\$0 15
339.	1 1/4 x 2,	Cast Bronze Metal Back Flaps. Beveled edges, with Screws,	2 50	25



No. 1122.

WROUGHT-BRASS BUTTS.

WITH BALL TIPS, FINELY POLISHED, LOOSE PIN.

Size, inches,	$1\frac{1}{2} \times 1\frac{1}{4}$	$2 \times 1\frac{3}{8}$	$2\frac{1}{2} \times 1\frac{3}{4}$
Per Pair, with Screws,	\$0 15	\$0 18	\$0 20

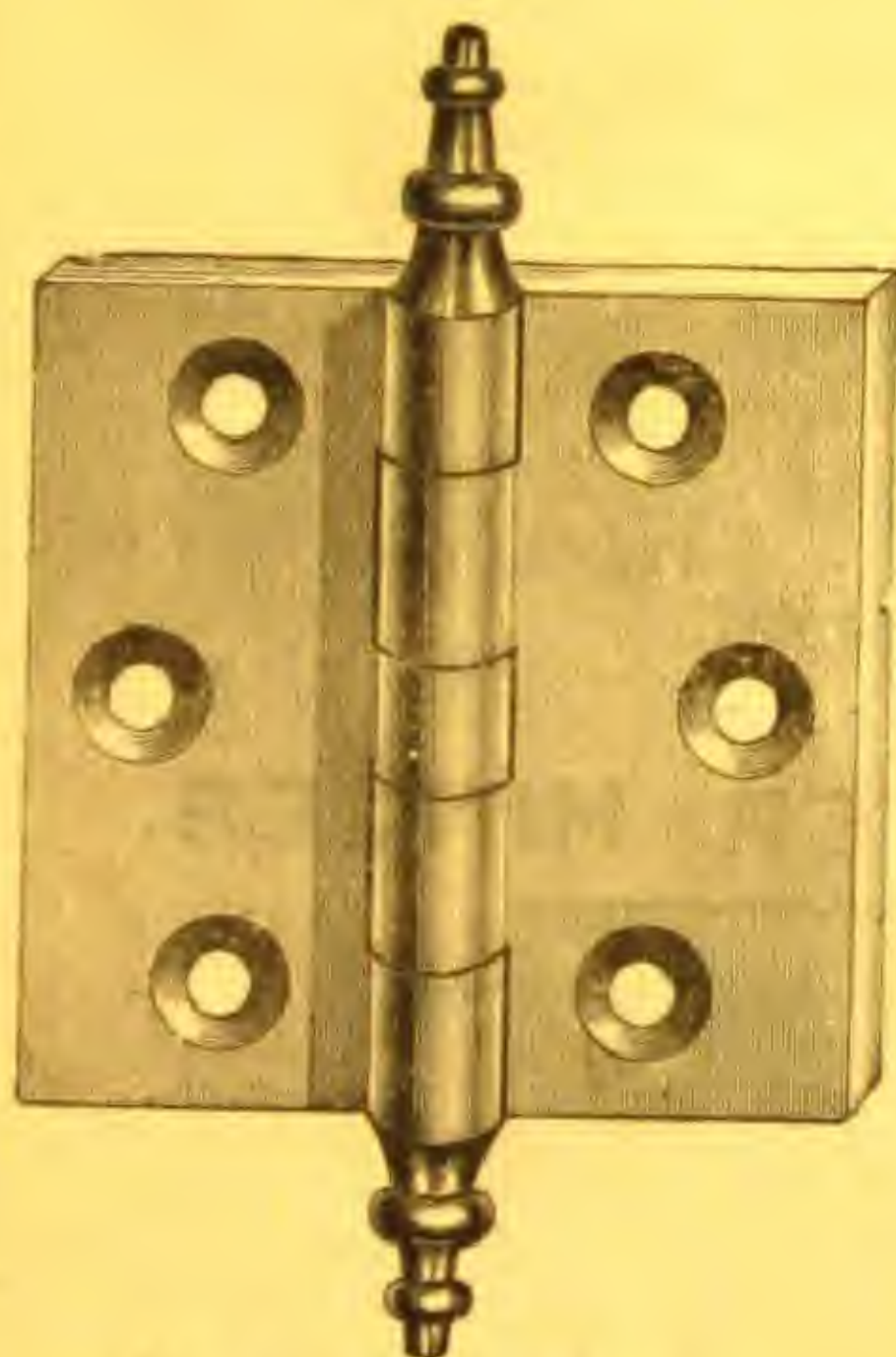


No. 1121.

BRONZE METAL BUTTS.

WITH BALL TIPS, FINELY POLISHED, LOOSE PIN.

Size, inches,	$2 \times 1\frac{1}{2}$	2×2	$2\frac{1}{2} \times 2$	$2\frac{1}{2} \times 2\frac{1}{2}$
Per Pair, with Screws,	\$0 30	\$0 40	\$0 45	\$0 50

No. 1130 - $1\frac{3}{4} \times 1\frac{3}{4}$.

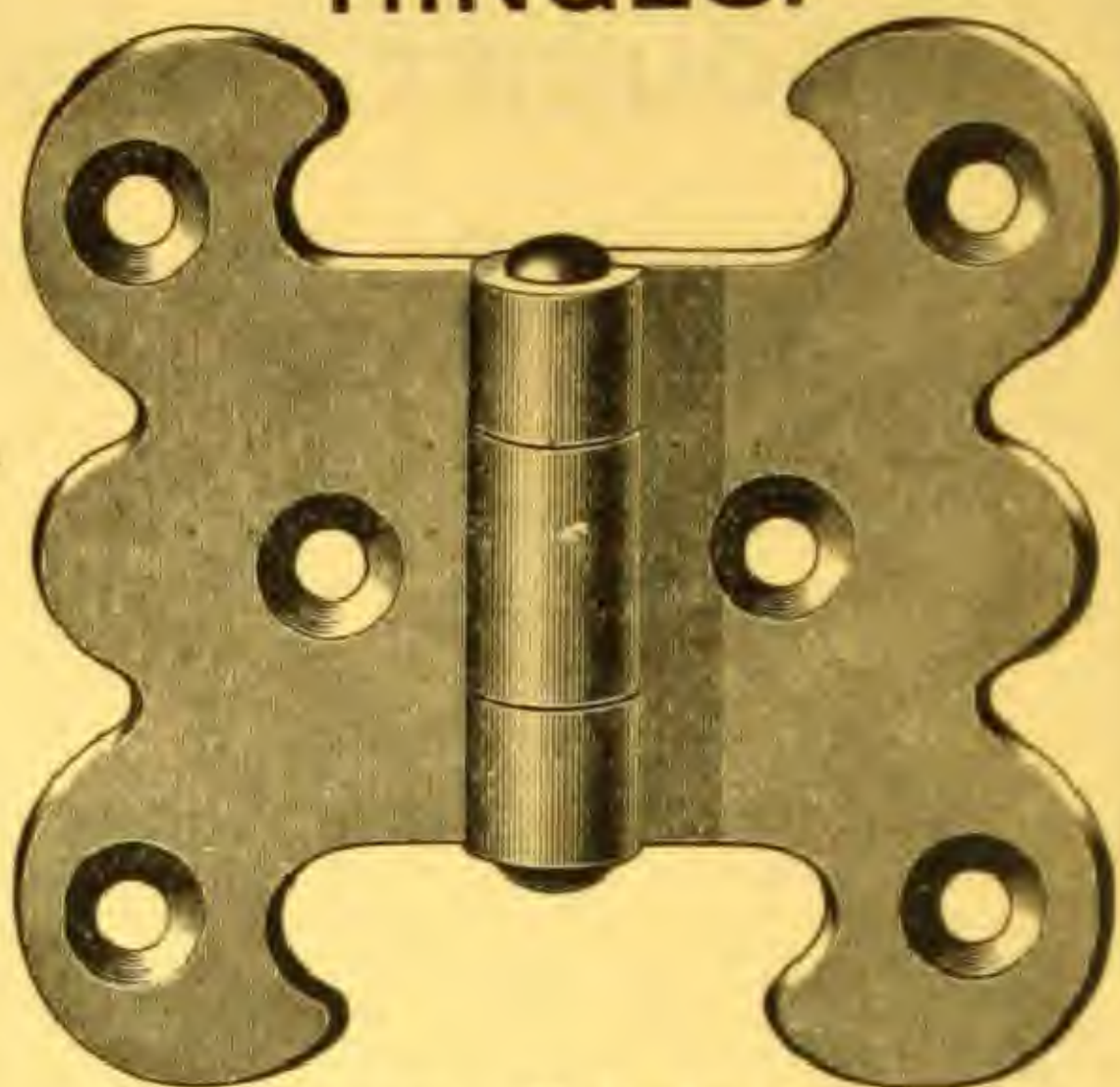
BRONZE METAL BUTTS.

WITH ACORN TIPS, FINELY POLISHED, FAST PIN.

Size,	$1\frac{1}{4} \times 1\frac{3}{4}$	$1\frac{3}{4} \times 1\frac{3}{4}$	$2 \times 1\frac{3}{4}$	$2\frac{1}{4} \times 1\frac{3}{4}$	$2\frac{1}{2} \times 2$	$2\frac{1}{2} \times 2\frac{1}{2}$	$3 \times 2\frac{1}{2}$
Per Pair, with Screws,	\$0 50	\$0 60	\$0 65	\$0 70	\$0 80	\$0 90	\$1 00

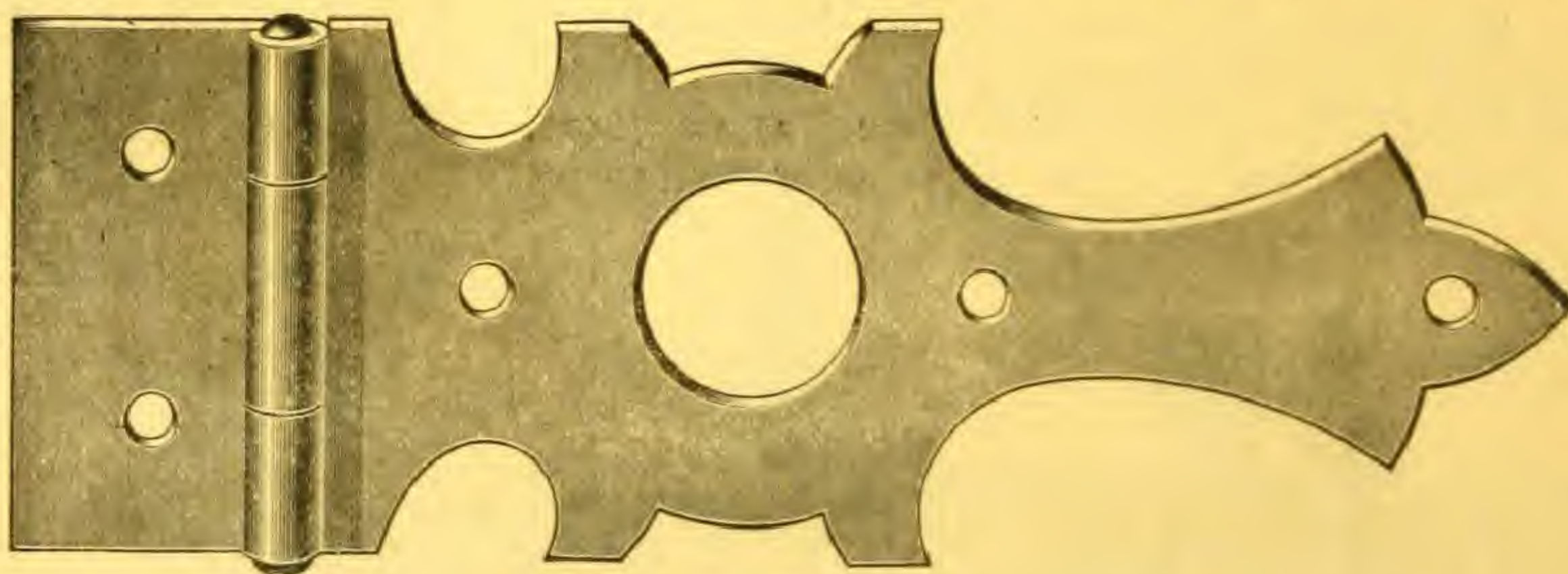
The above Hinges furnished in Polished Brass at same price.

COPPER BRONZED WROUGHT STEEL HINGES.



No. 255. Full size cut.

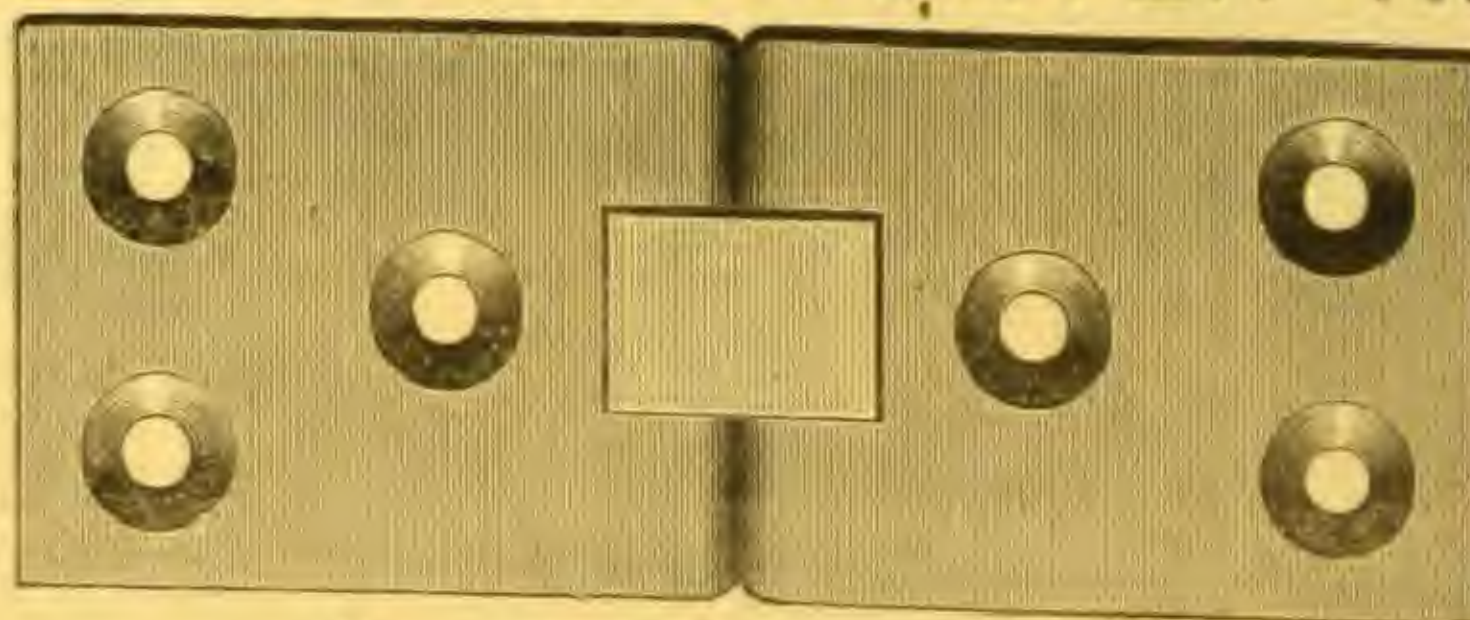
	Per doz. pairs.	Per pair.
No. 255. $2\frac{1}{2} \times 2\frac{1}{2}$, Copper Bronzed Wrought Steel Hinges, with Screws,	\$1 10	\$0 15



No. 256. Full size cut.

	Per doz. pairs.	Per pair.
No. 256, 4-inch Copper Bronzed Wrought Steel Hinges and Screws,	\$1 60	\$0 20

BRONZE METAL COUNTER HINGES.



No. 736. This cut is full size.

No. 736. Bronze Metal Counter Hinges, $1\frac{1}{4} \times 3$ inches,	Per pair, \$1 00
" 737. " " " " 3×4 "	" 2 00

CO
WROU

Sizes, . . .
Per doz. pair
Per pair with

No. 725. W



COPPER BRONZED WROUGHT STEEL HINGES

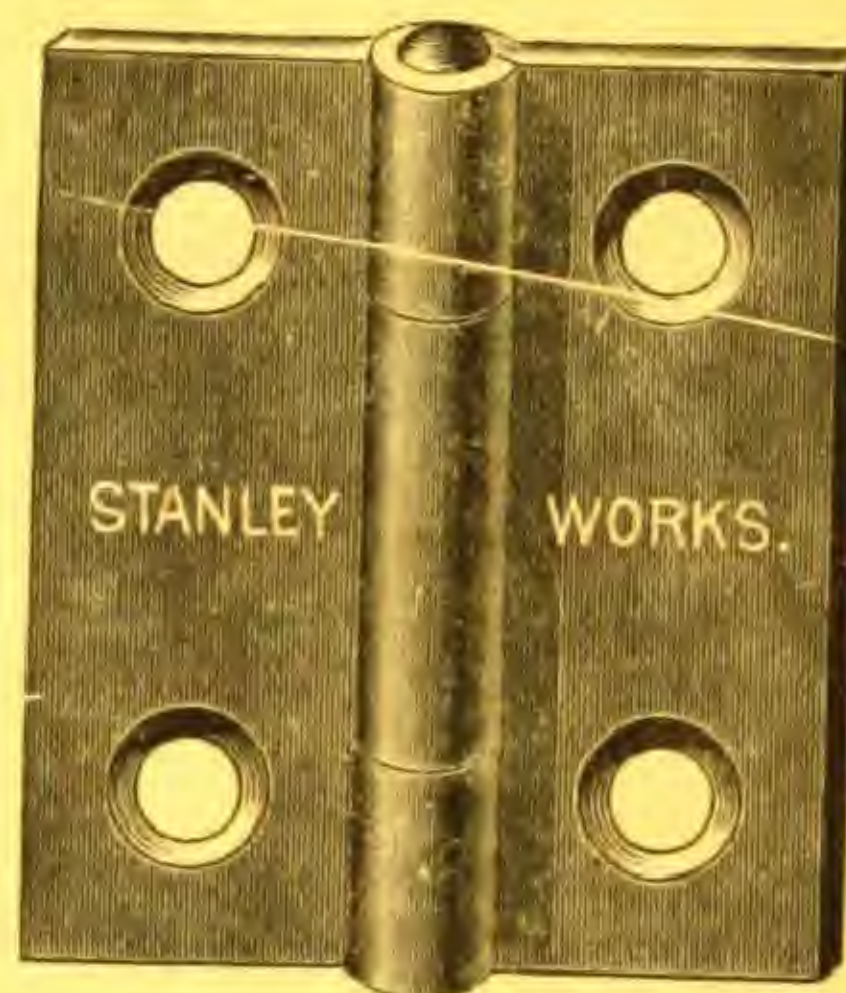
No. 257. Loose Pin, Ball Tips.

Sizes,	1½	2	2½ inch.
Per doz. pairs with Screws, \$1	50	80	30
Per pair with Screws, . . .	18	20	25

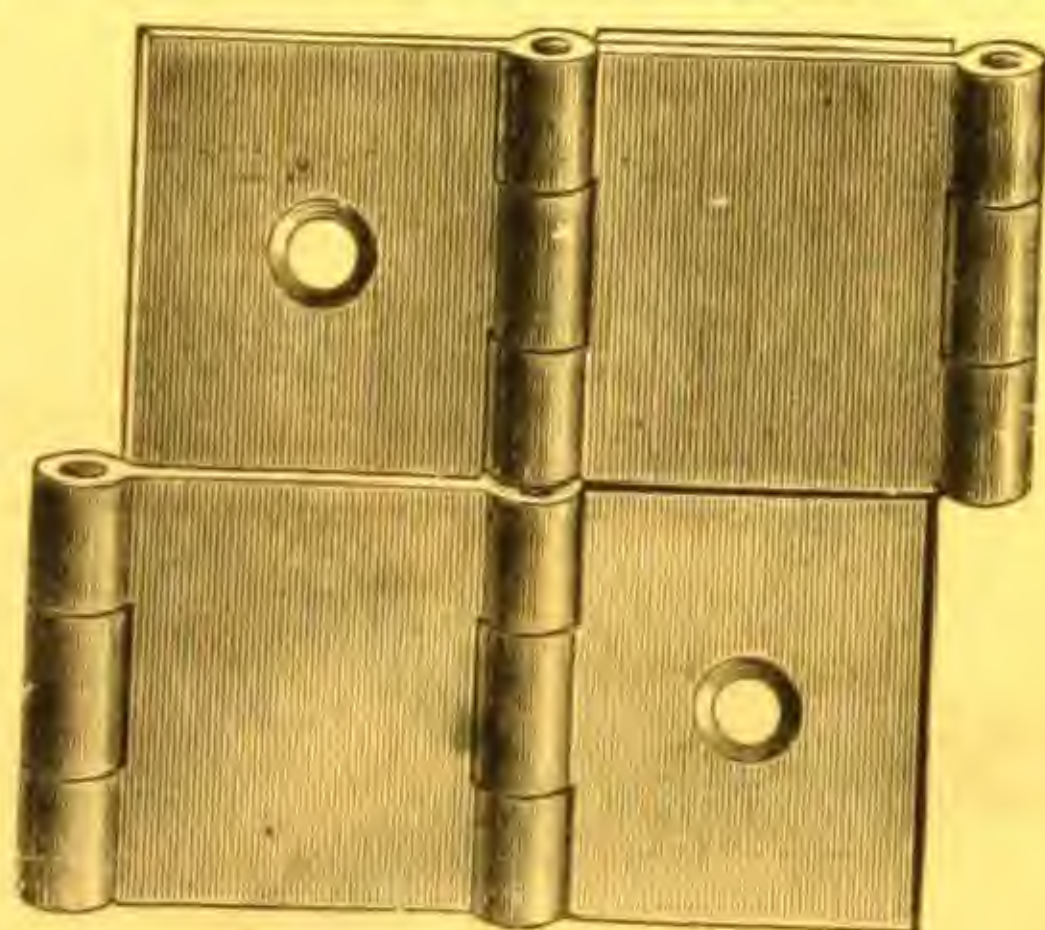
COPPER BRONZED WROUGHT STEEL HINGES

No. 258. Fast Joint.

Sizes,	2x2	2½x2½	3x3 inch.
Per doz. pairs with Screws, .	\$0 90	\$1 20	\$1 40
Per pair with Screws, . . .	12	15	18



BRASS SCREEN HINGES.



No. 72.

No. 725.	Wrought Brass Screen Hinges for	¾ inch wood, .	per pair with Screws, \$0	45
"	"	"	"	50
"	"	"	"	55

STRAP HINGES.



No. 665.

No. 665. Light Strap Hinges,	3	4	5	6	8	10	12	14 inch.
Per doz. pairs, without Screws,	\$0 25	\$0 30	\$0 35	\$0 45	\$0 60	\$0 85	\$1 45	\$1 80
Per pair, with Screws,	05	06	07	08	10	12	20	25
No. 666. Heavy Strap Hinges,			5	6	8	10	12	14 inch.
Per doz. pairs, without Screws,			\$0 45	\$0 60	\$1 00	\$1 50	\$2 35	\$2 75
Per pair, with Screws,			08	10	16	20	30	35

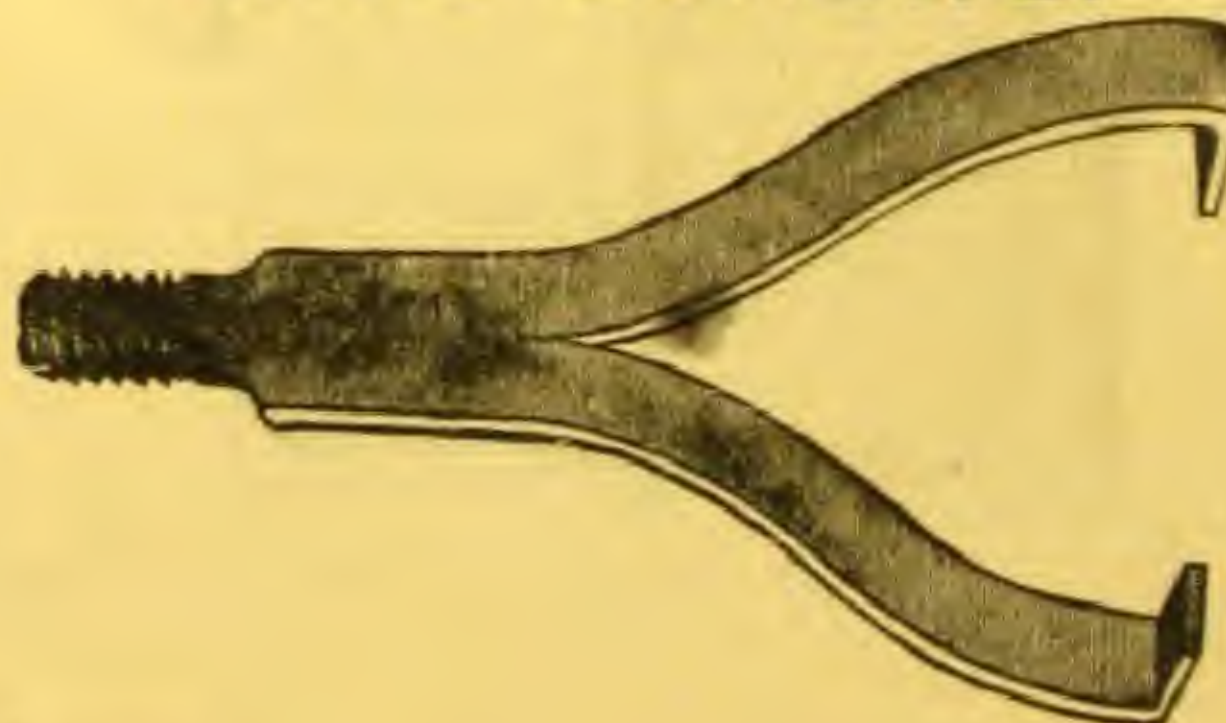
T HINGES.



No. 667.

No. 667. Light T Hinges,	3	4	5	6	8	10	12	14 inch.
Per doz. pairs, without Screws,	\$0 27	\$0 30	\$0 35	\$0 40	\$0 50	\$0 65	\$0 95	\$1 35
Per pair, with Screws,	06	06	07	08	10	11	15	20
No. 668. Heavy T Hinges,				6	8	10	12	14 inch.
Per doz. pairs, without Screws,				\$0 45	\$0 60	\$0 85	\$1 35	\$1 80
Per pair, with Screws,				08	10	12	20	25
No. 672. Extra Heavy T Hinges,			6	8	10	12	14	16 inch.
Per doz. pairs, without Screws,			\$0 75	\$1 15	\$1 75	\$2 35	\$2 60	\$2 80
Per pair, with Screws,			12	16	25	30	35	35

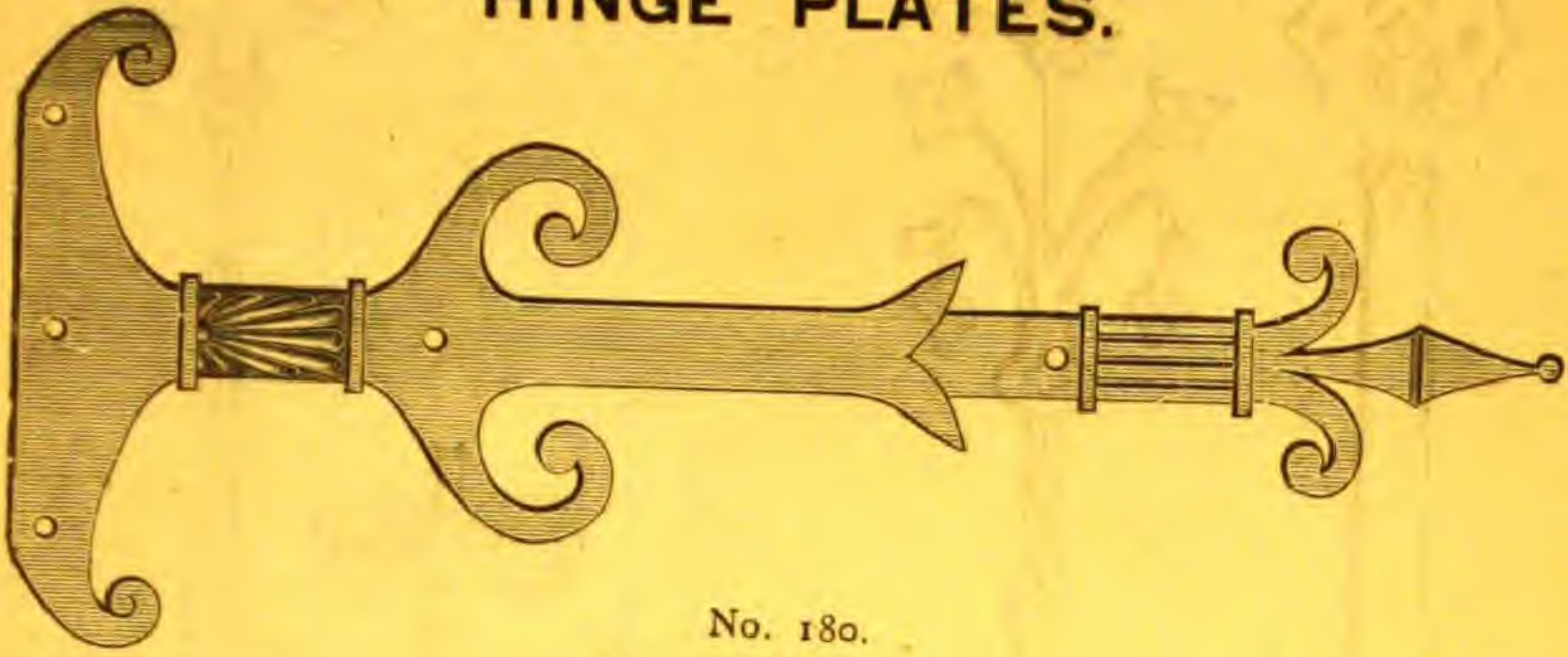
JAMB SCREWS.



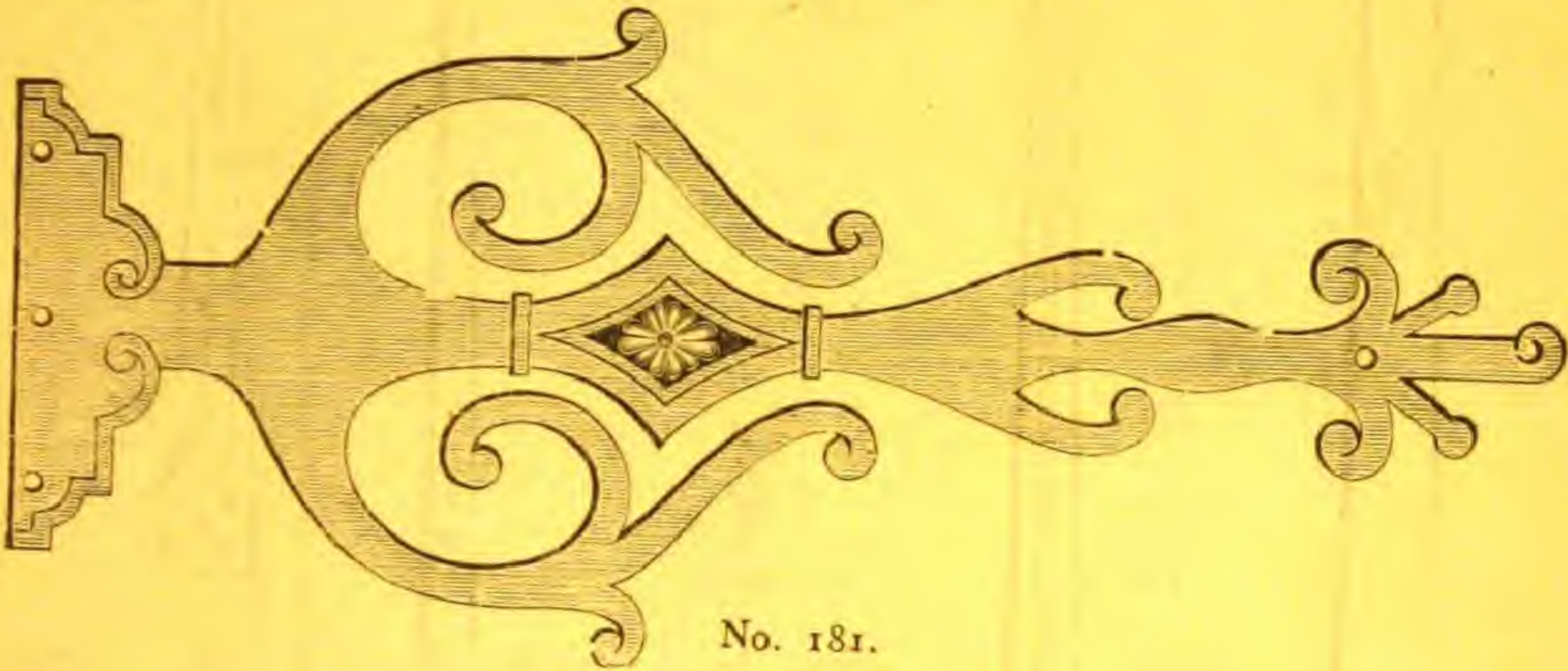
No. 693. Light Jamb Screws,	Per Doz.	Each.
No. 694. Heavy	\$0 75	\$0 12
	0 95	10

No. 180.
" 181.
" 182.

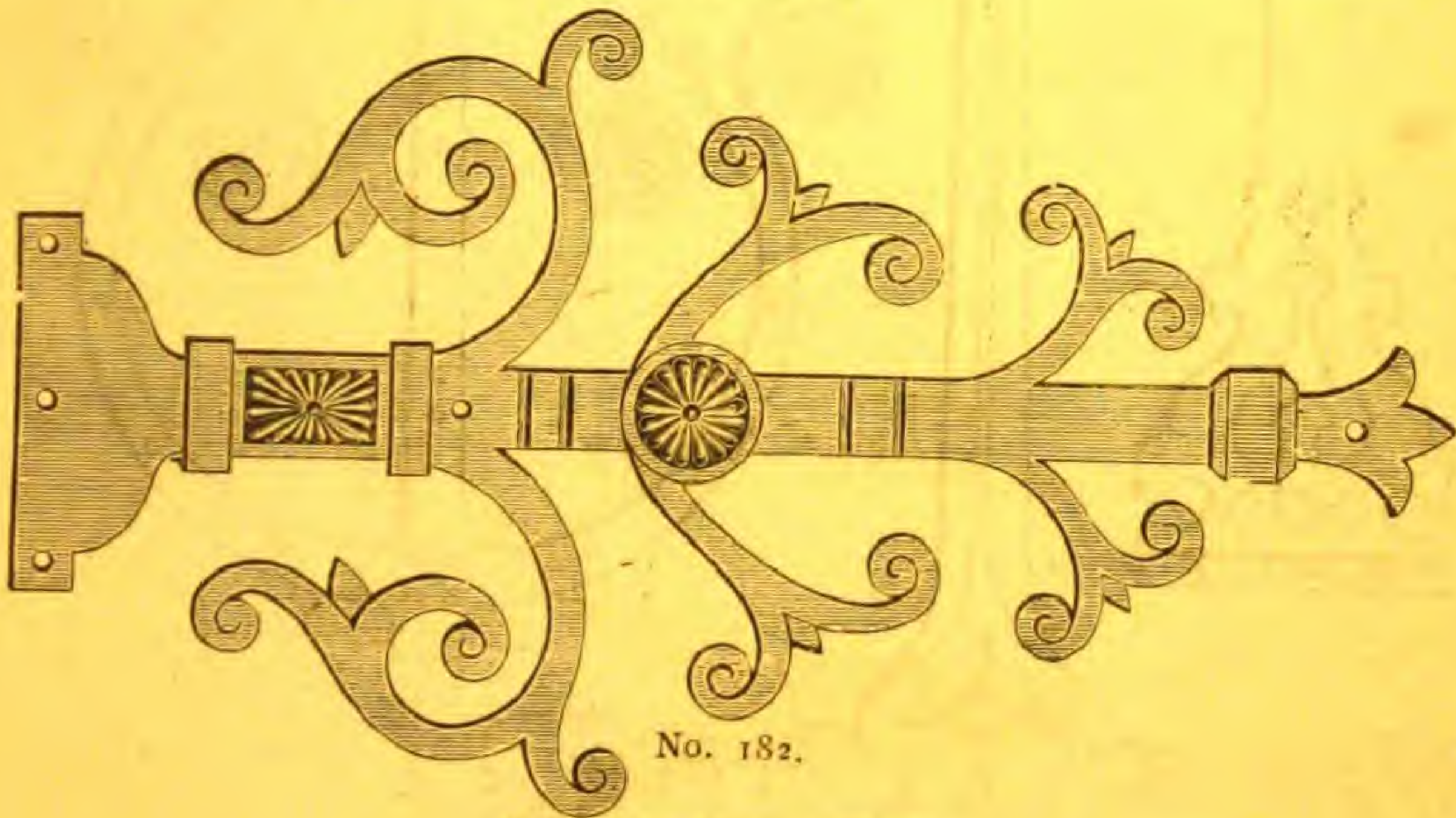
HINGE PLATES.



No. 180.



No. 181.

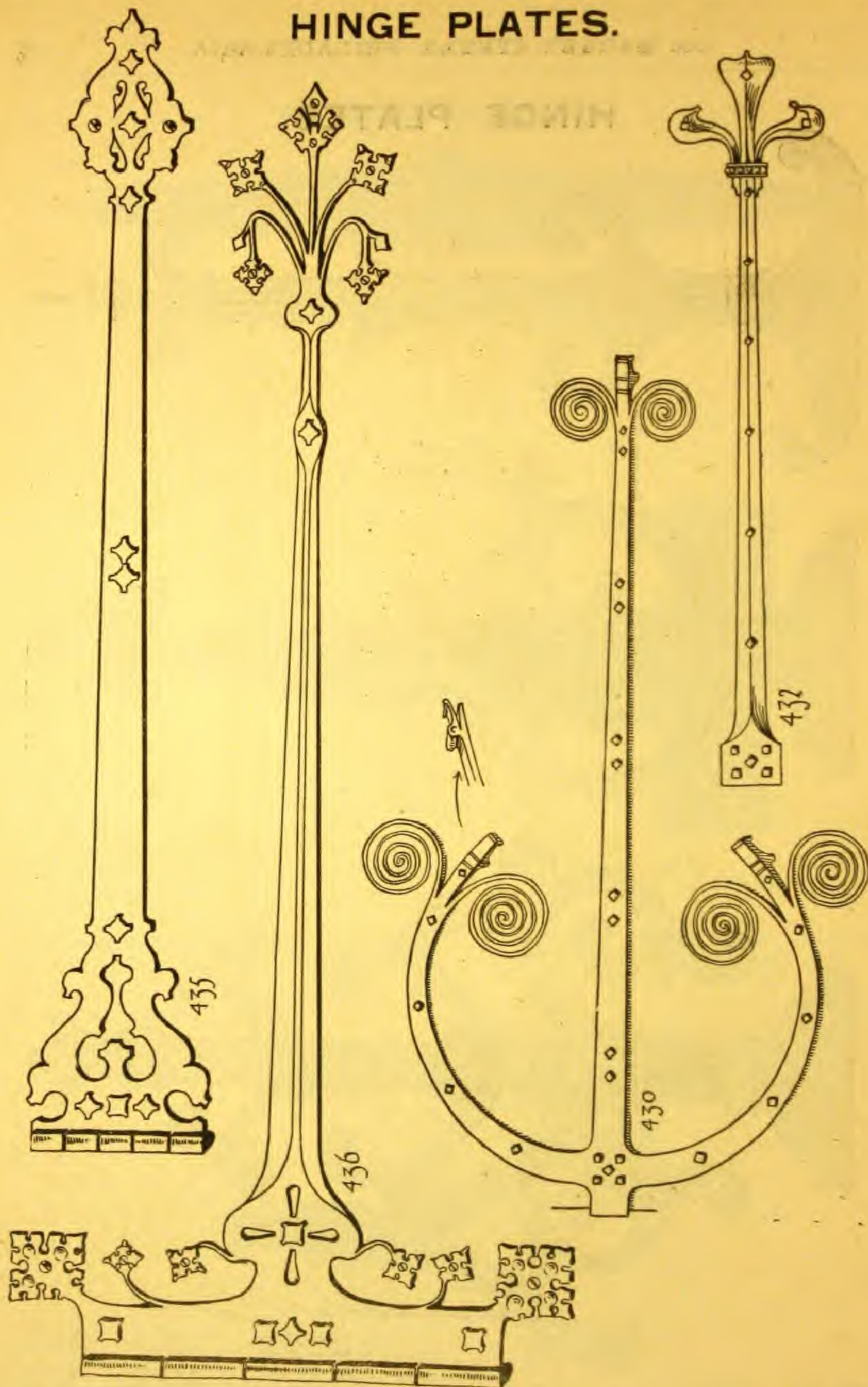


No. 182.

These cuts are one-quarter size.

No.	Size.	Fine Polished Brass or Bronze Metal.	Iron Bronzed.	Iron Blue- Black Finish.
No. 180.	20X 8	each, \$6 00	\$2 50	\$2 00
" 181.	20X 8	" 8 00	3 00	2 50
" 182.	20X11	" 10 00	4 00	3 50

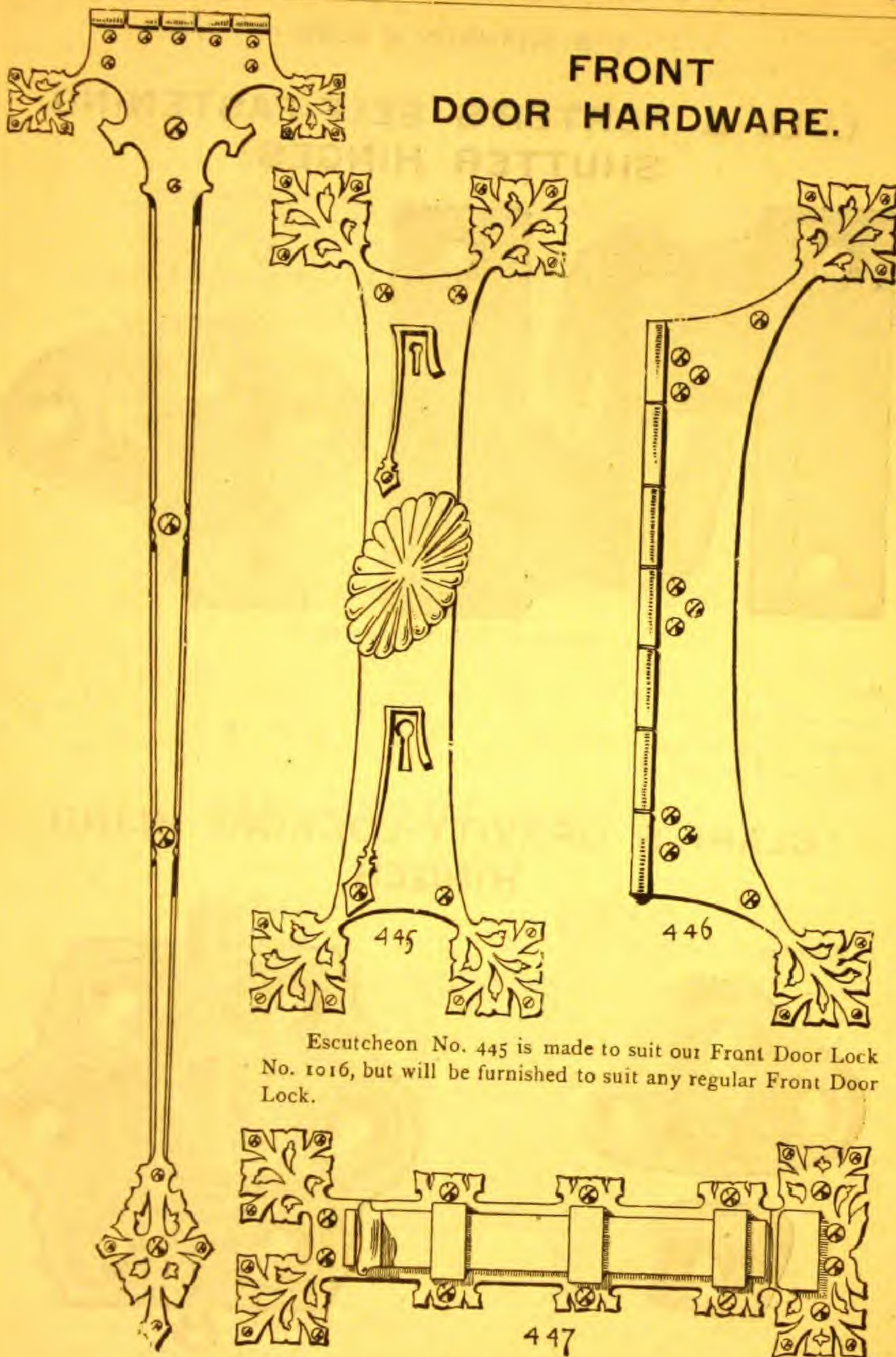
HINGE PLATES.



No.	Description	Size.	Fine Polished Brass or Bronze Metal.	Iron Bronzed.	Iron Blue- Black Finish.
No. 430.	Hinge Plate, for 5 inch Hinge, . . .	30x24	each, \$8 00		
" 432.	" " " " " " " " " " " "	24x 6	" 4 50	\$4 50	\$4 00
" 435.	" " with 5 in. Hinge attac'd,	24x 5	" 6 00	2 00	1 50
" 436.	" " " 6 in. " " " " " "	24x 9	" 10 00	3 50	3 00
				4 50	4 00

No. 444. H
" 445. I
" 446. H
" 447. D

FRONT DOOR HARDWARE.



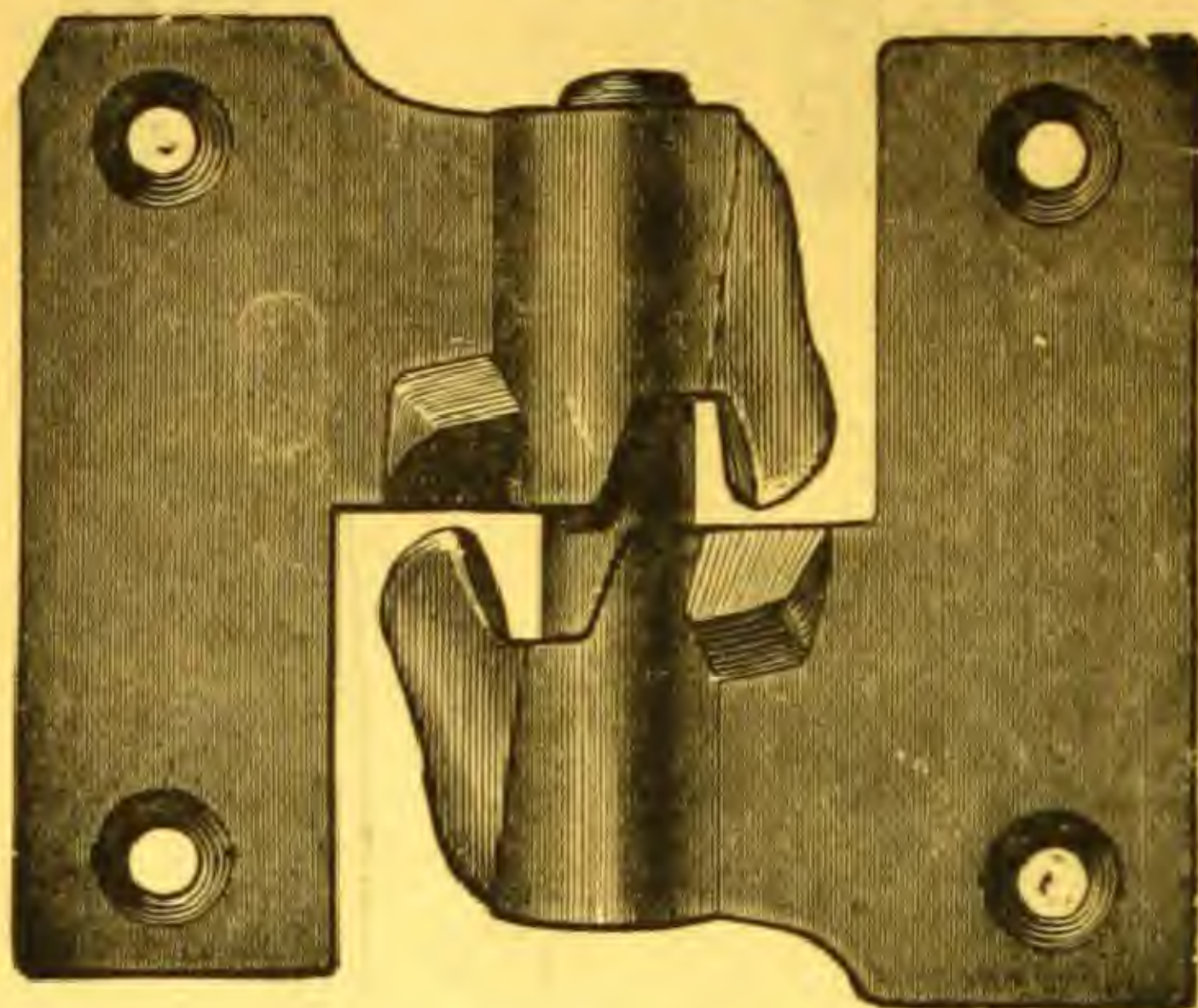
Escutcheon No. 445 is made to suit our Front Door Lock No. 1016, but will be furnished to suit any regular Front Door Lock.

- No. 444. Hinge Plate, with 5 inch Hinge attached, . 24 x8
 " 445. 1 Escutcheon, with 1 pair Knobs, . . . 12 x5
 " 446. Hinge Plate, with 6 inch Hinge attached, . 9 x3½
 " 447. Door Bolt, 7¼x3

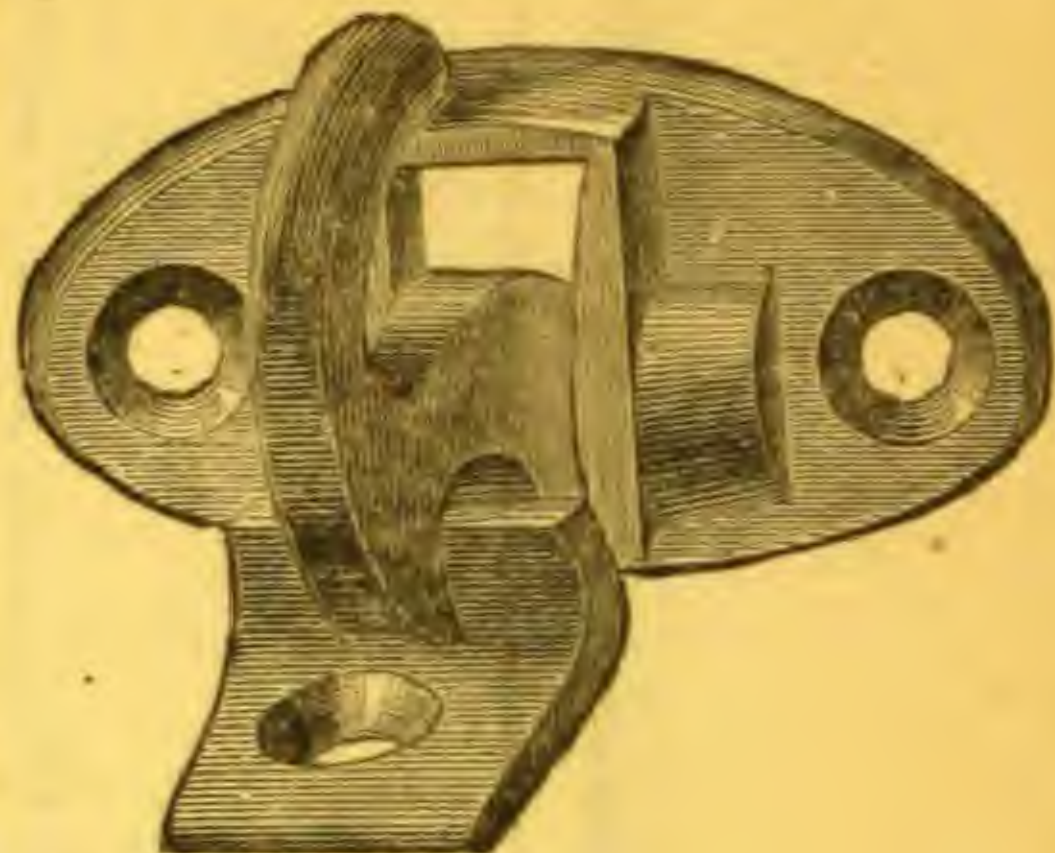
Fine Polished Bronze Metal Each,	Iron Blue- Black Finish Each,
\$6 50	\$3 00
5 25	4 25
3 50	1 50
3 50	1 50

J. B. SHANNON & SONS,

LULL & PORTER'S SELF-FASTENING SHUTTER HINGES.



With Inside Fastenings.

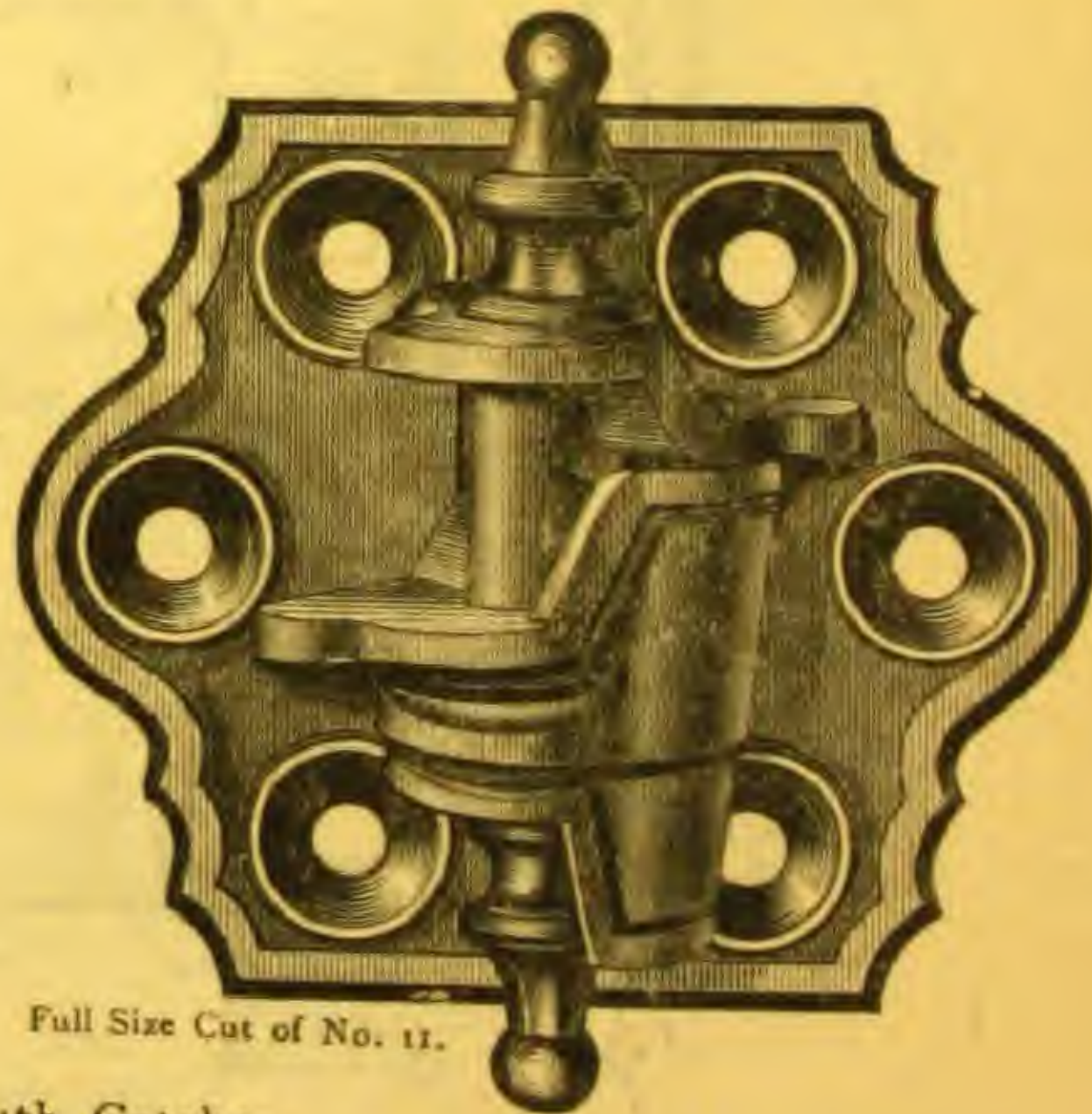


Lull & Porter's Shutter Hinges.

Nos.	3	2 1/2	2	1 1/2	1	0
Sizes, when open,	3 1/8	3 5/8	4 1/2	5	5 1/2	6 1/2
Per doz. pairs, without Screws, \$	55	60	68	70	75	90
Per pair, with Screws,	10	11	12	13	14	16

CLARK'S GRAVITY-LOCKING BLIND HINGES.

With Inside Fastenings.



Full Size Cut of No. 11.

Complete with Catches.

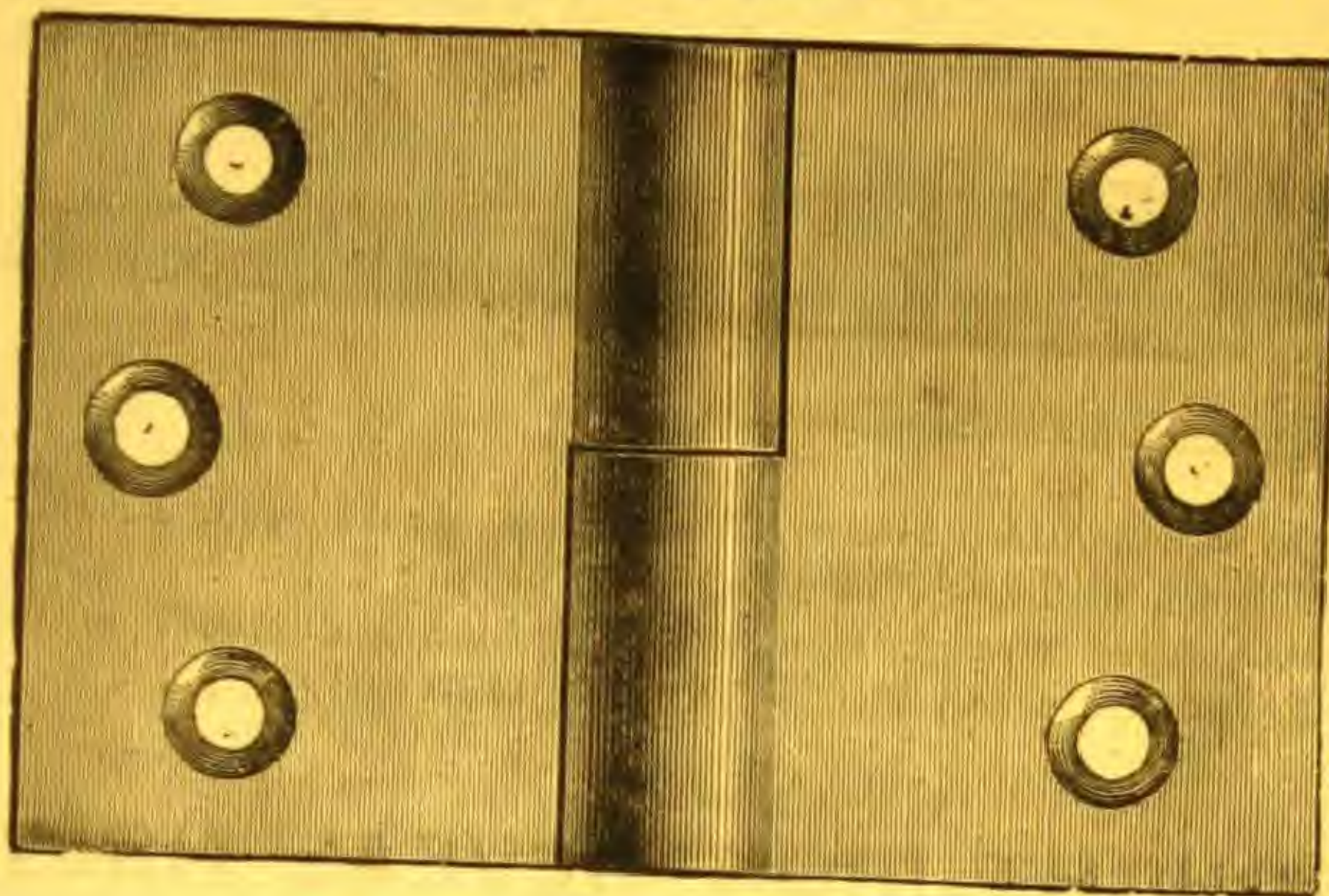
No. 11, for wood, throws the blind 1 1/4 in. from Casing, per doz. pairs, without screws, \$	38
" 13, for brick, " " " " " " " "	68

Nos.
 Sizes, when
 Per doz. pair
 Per pair, with

Sizes, when
 Per doz. pair
 Per pair, with

MAYER HINGES.

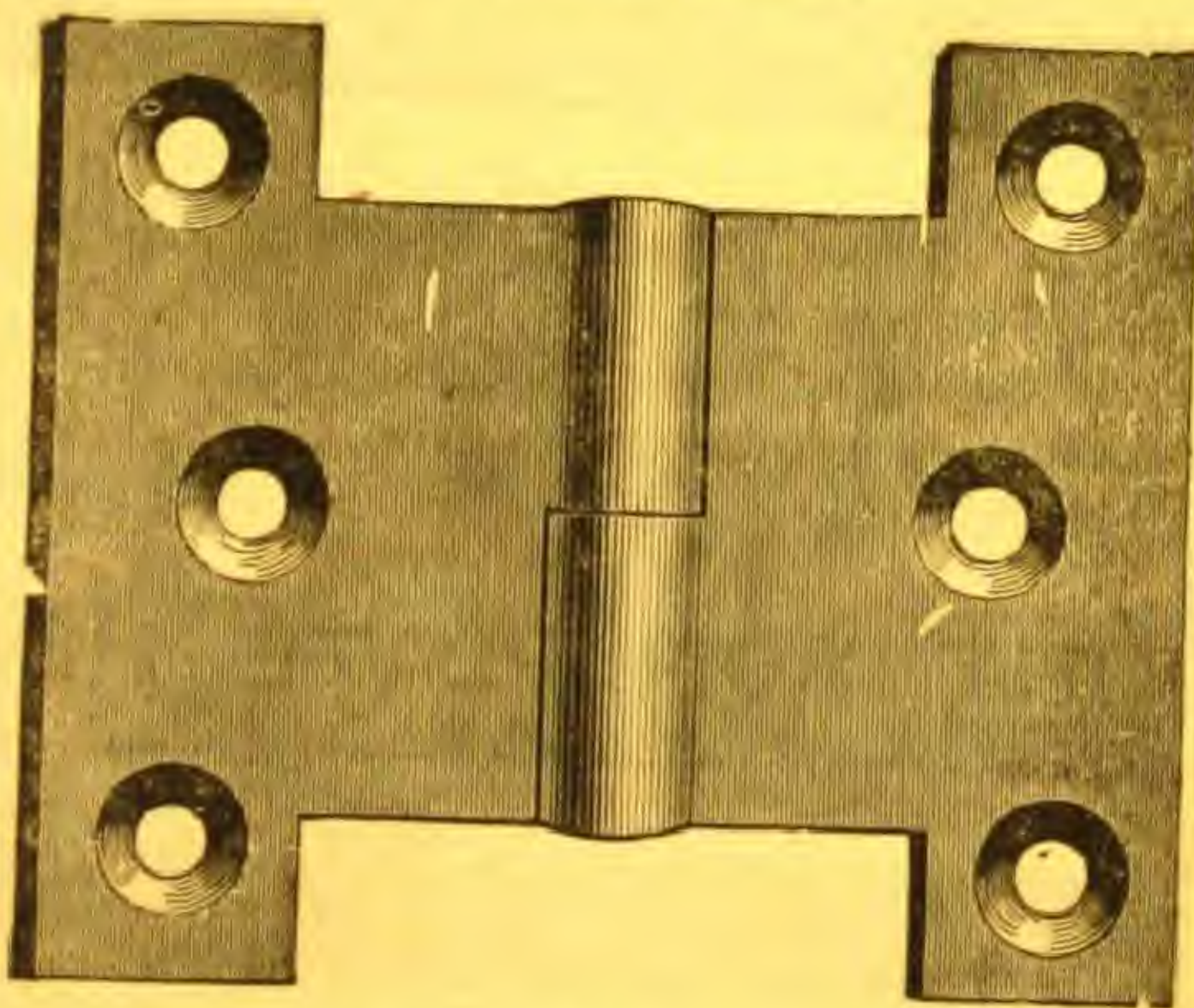
For Outside Shutters.



Nos.	0	1	2	3	4	5
Sizes, when open,	2x3 $\frac{1}{4}$	2 $\frac{1}{4}$ x3 $\frac{1}{2}$	2 $\frac{1}{2}$ x3 $\frac{3}{4}$	2 $\frac{3}{4}$ x4	3x4 $\frac{1}{4}$	3 $\frac{1}{4}$ x4 $\frac{1}{2}$ inch.
Per doz. pairs, without Screws, \$o	40	44	50	60	70	85
Per pair, with Screws,	07	08	09	10	11	13

PARLIAMENT BUTTS.

For Outside Shutters.



Sizes, when open,	3	3 $\frac{1}{2}$	4	4 $\frac{1}{2}$	5	6 inch.
Per doz. pairs, without Screws, \$o	34	40	50	55	60	75
Per pair, with Screws,	07	07	09	10	10	12

Larger Sizes Furnished on Order.

WROUGHT-IRON SHUTTER HINGES.

12, 13, 14, 15, 16, 17 inches long.



- No. 260. Light Wrought-Iron Shutter Hinges and Hooks, with Rivets, Rings, and Staples, Turnbuckles to drive, per set, \$0 45
 No. 1260. Extra Heavy Wrought-Iron Shutter Hinges and Hooks, with Rivets, Rings, and Staples, Turnbuckles to drive, per set, 80

WROUGHT-IRON REVEAL HINGES.

12, 13, 14, 15, 16, 17 inches long.



- No. 261. Light Wrought-Iron Reveal Hinges and Eyes, with Rivets, Rings, and Staples, Turnbuckles to drive, per set, \$0 55
 No. 1261. Extra Heavy Wrought-Iron Reveal Hinges and Eyes, with Rivets, Rings, and Staples, Turnbuckles to drive, per set, 1 00

WROUGHT-IRON PLATE HINGES.



6	8	10	12	14-inch.
\$1 15	\$1 50	\$1 90	\$2 50	\$2 75 per dozen pairs, without Screws.
15	20	25	30	35 per pair, with Screws.

Inch,
 Per dozen pair
 Per pair, with

Inch,
 Per dozen pair
 Per pair, with

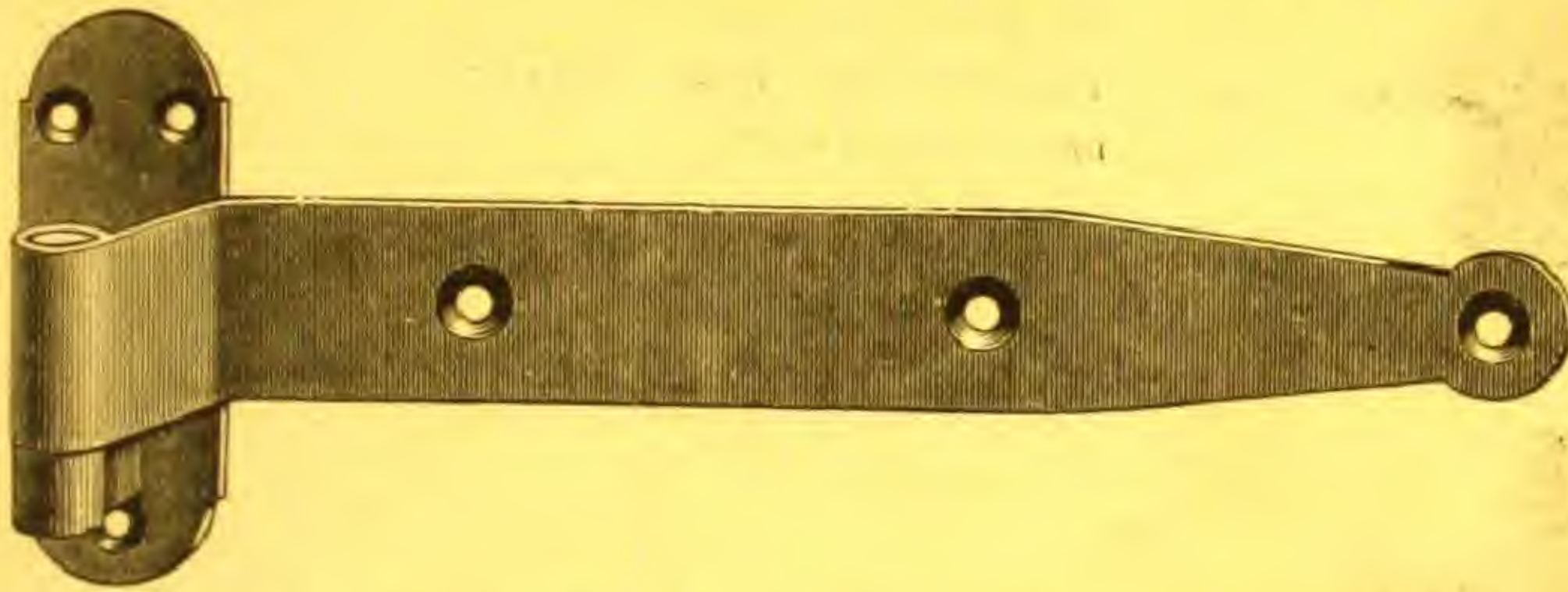
Per dozen pair
 Per pair, with

ROLLED PLATE HINGES.



No. 52 Wrought Iron Plate Hinges.

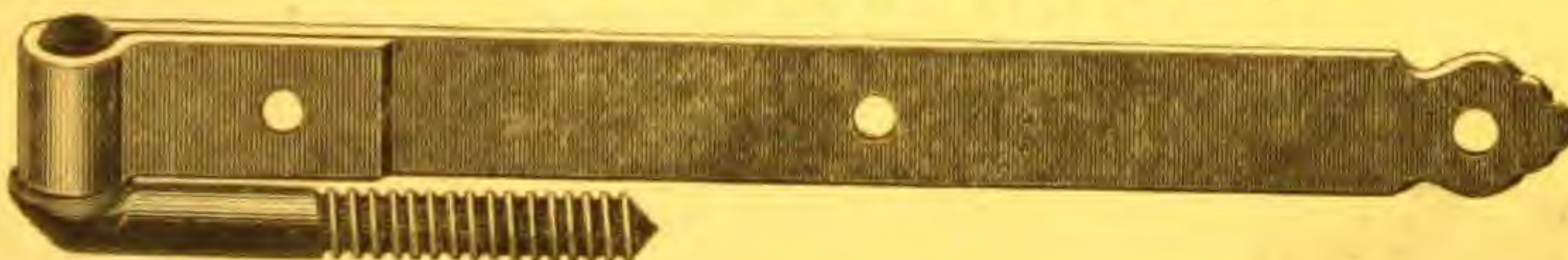
Inch,	\$0 12
Per dozen pairs, without Screws,	1 40
Per pair, with Screws,	20



No. 54 Wrought Iron Plate Hinges.

Inch,	\$0 12
Per dozen pairs, without Screws,	1 85
Per pair, with Screws,	25

HEAVY HOOK HINGES.



No. 98.

Heavy Hook Hinges, with Wood Screw Hook.

	14	16	18	20
Per dozen pairs, without Screws,	\$3 20	\$3 50	\$4 00	\$5 00
Per pair, with Screws or Bolts,	40	45	50	60

SPRING HINGES.



		Per doz. pairs.	Per pair.
No. 250.	2½ inches, Berlin Bronzed, Single-acting Spring Hinges,	\$1 25	\$0 15
No. 702.	2½ inches, Wrought Brass, Single-acting Spring Hinges,	1 75	20



		Per dozen pairs.	Per pair.
No. 2250.	3 inch Berlin Bronzed, Double-acting Spring Hinges,	\$3 15	\$0 35
No. 713.	3 inch Wrought Brass, Double-acting Spring Hinges,	4 75	55



		Per dozen pairs.	Per pair.
No. 225.	3 inch Copper Bronzed, Single-acting Spring Hinges,	\$1 50	\$0 18



		Per dozen pairs.	Per pair.
No. 1225.	3 inch Copper Bronzed, Double-acting Spring Hinges,	\$3 00	\$0 35

SPRING HINGES.

GEM SPRING HINGES.

SINGLE-ACTING. To Swing Doors One Way.



Length of Flanges.				Single Acting Japanned		Single Acting Bronze-Plated.	
				No.	Per pr.	No.	Per pr.
For Light Screen Doors use $3\frac{1}{2}$ inch.,				340	\$0 60	1340	\$1 80
For 1	to $1\frac{3}{8}$ inch	"	4	341	75	1341	2 15
For 1	to $1\frac{1}{2}$	"	5	342	95	1342	2 65
For 1	to $1\frac{3}{4}$	"	6	343	1 25	1343	3 25
For $1\frac{1}{4}$	to $1\frac{7}{8}$	"	7	344	1 50	1344	4 00
For $1\frac{1}{2}$	to $2\frac{1}{4}$	"	8	345	2 15	1345	5 00

GEM SPRING HINGES.

DOUBLE-ACTING. To Swing Doors Both Ways.



Length of Flanges.				Double Acting Japanned.		Double Acting Bronze-Plated.	
				No.	Per pr.	No.	Per pr.
For Light Screen Doors use $3\frac{1}{2}$ in.,				346	\$1 20	1346	\$3 55
For 1	to $1\frac{3}{8}$ inch	"	4	347	1 50	1347	4 20
For 1	to $1\frac{1}{2}$	"	5	348	1 90	1348	5 05
For 1	to $1\frac{3}{4}$	"	6	349	2 40	1349	6 00
For $1\frac{1}{4}$	to $1\frac{7}{8}$	"	7	350	3 00	1350	7 20
For $1\frac{1}{2}$	to $2\frac{1}{4}$	"	8	351	4 35	1351	9 25

SUMMER DOOR HANGERS.

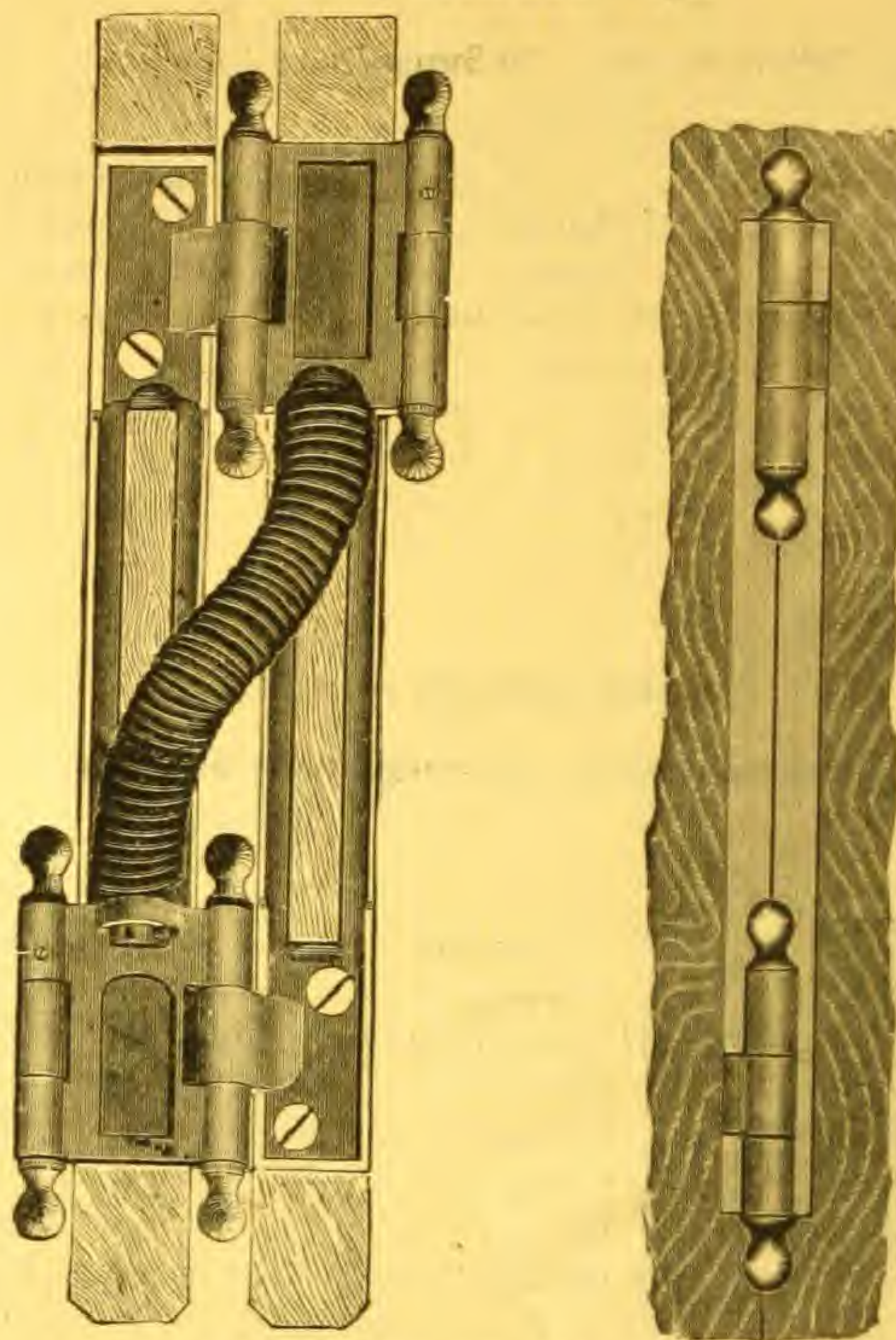


To be used where doors are taken off at night. Tension of hinge need not be taken off when these hangers are used.

No. 883. Copper Bronzed, per set of four pieces for one door, \$0 50

CHICAGO SPRING HINGES.

DOUBLE ACTING.
To Swing Doors Both Ways.



DOUBLE-ACTING SPRING HINGES.

For Doors.

No.	Description.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$ Inch.
131.	Copper Bronzed, per pair,	\$1 08	\$1 40	\$2 20	\$3 60	\$6 40
31.	Bronze Plated, "	2 40	3 00	4 40	6 00	8 00
41.	Bronze Metal, "	5 80	6 40	8 60	14 40	21 60
121.	Bower-Barff, "	3 60	4 40	6 00	8 40	11 60

DOUBLE-ACTING BLANK BUTTS.

For Doors.

No.	Description.	$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$ Inch.
133.	Copper Bronzed, per pair,	\$0 56	\$0 64	\$1 20	\$1 92	\$3 04
33.	Bronze Plated, "	1 20	1 44	2 20	3 00	4 00
43.	Bronze Metal, "	3 00	3 40	4 20	7 20	10 80
123.	Bower-Barff, "	1 80	2 20	3 00	4 20	5 80

We take great pleasure in placing before our customers the Chicago Spring Hinge, which we consider one of the best in the market—both in appearance and durability—and at a less price than any other first-class Double-Acting Spring Hinge. The spring is not contained in the butt, but placed in a connecting case between two three-leaved butts, which allows the use of a long spring, and, when applied to the door and closed, nothing is seen more than an ordinary butt for corresponding size of door, avoiding the clumsy appearance usual to spring butts with the spring contained in them. The Double-Acting Blank Butt is intended to be used with Spring Butt, to reduce the cost on doors light enough for one spring to operate them.



RIGHT-HAND

We have
their Locks and

To take
the entrance.

Figure 1.

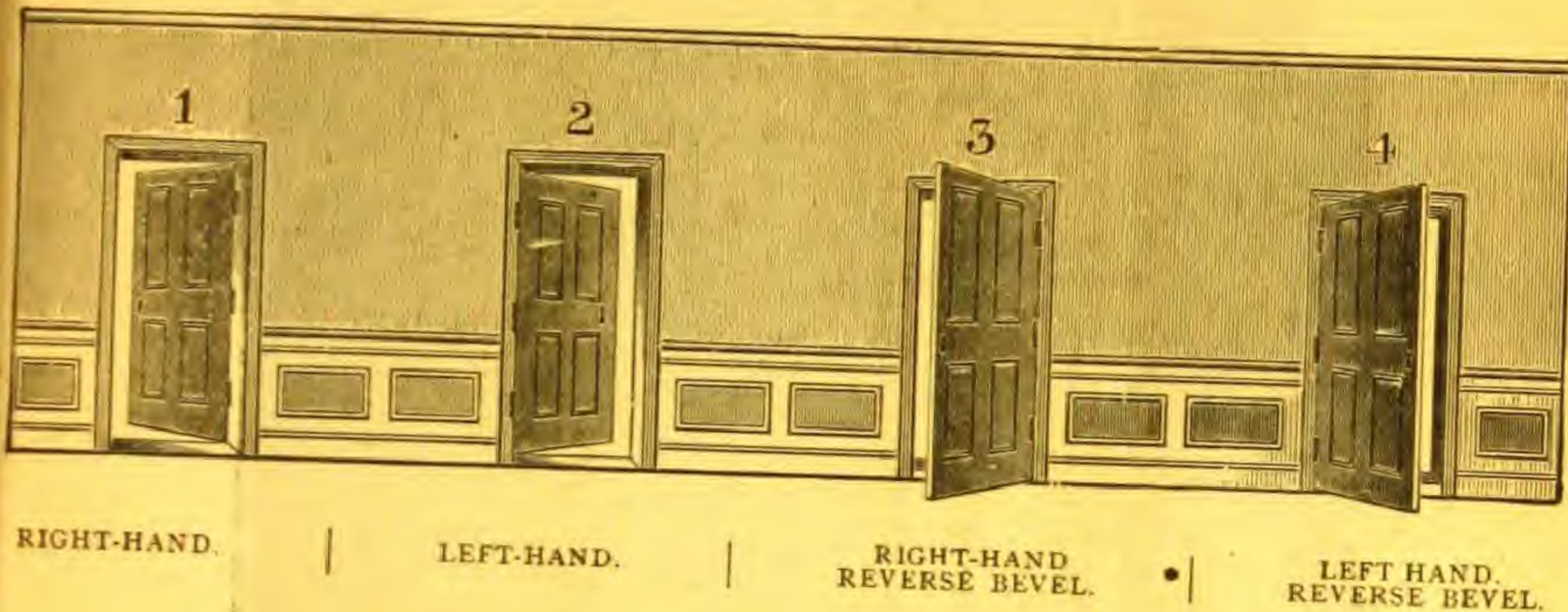
Figure 2.

Figure 3.
tise knob lock
right-hand rev

Figure 4.
tise knob lock
left-hand rev

Doors wh
which require

HAND OF DOORS.



We have had the above cut made to better enable our customers to intelligently order their Locks and Hinges.

To take the hand of a door, you should stand on the outside of the house or room, facing the entrance.

Figure 1. Shows a right-hand door and requires right-hand hinges and locks.

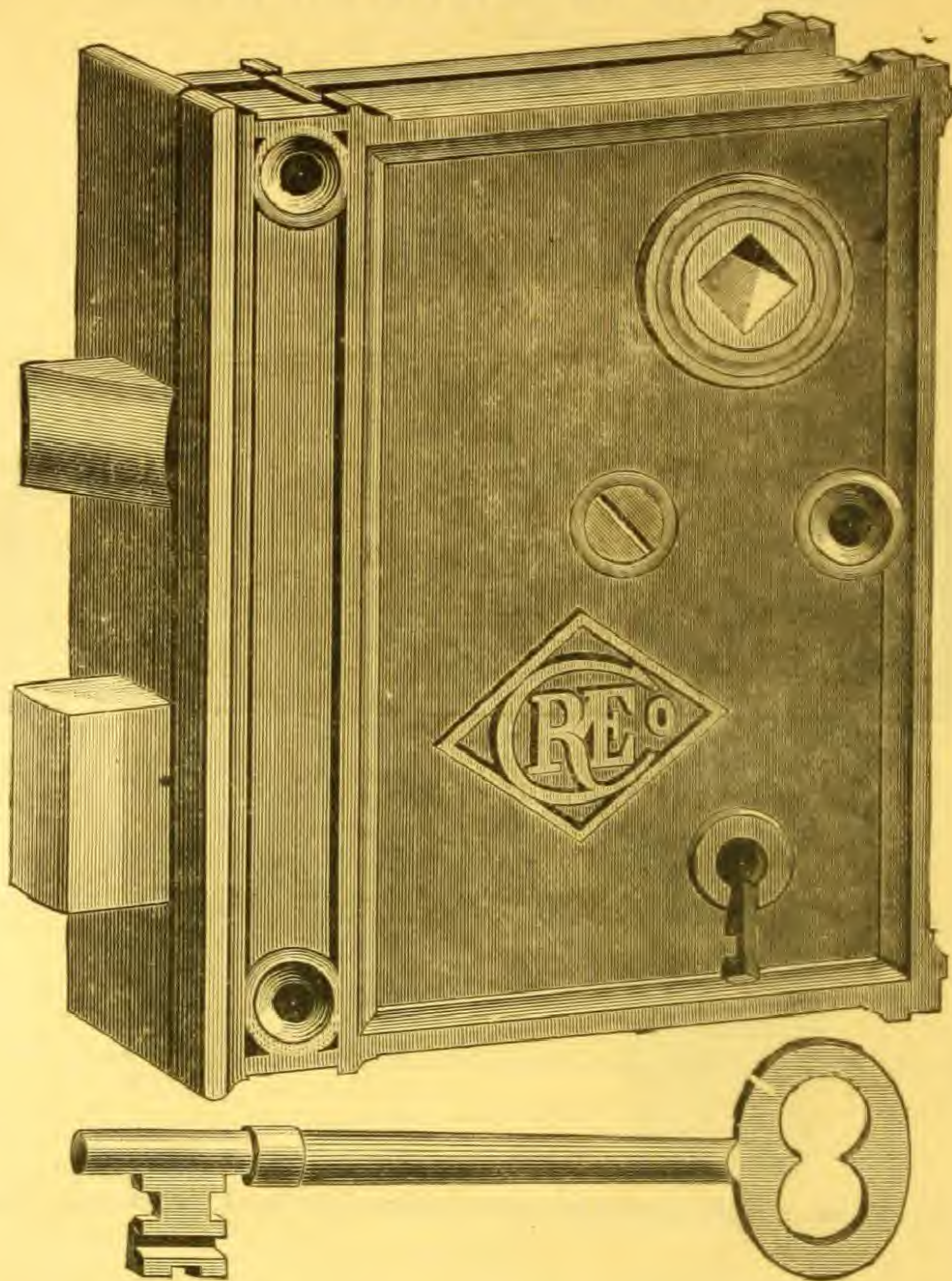
Figure 2. Shows a left-hand door and requires left-hand hinges and locks.

Figure 3. Shows a right-hand door opening towards you and requires a left-hand mortise knob lock; a right-hand recess door lock; a right-hand reverse bevel rim lock; a right-hand reverse bevel rim or mortise night latch.

Figure 4. Shows a left-hand door opening towards you and requires a right-hand mortise knob lock; a left-hand recess door lock; a left-hand reverse bevel rim knob lock; a left-hand reverse bevel rim or mortise night latch.

Doors which require right-hand reverse bevel locks need left-hand hinges, and doors which require left-hand reverse bevel locks need right-hand hinges.

RIM KNOB LOCKS.



Full size cut of No. 90, Rim Knob Lock.

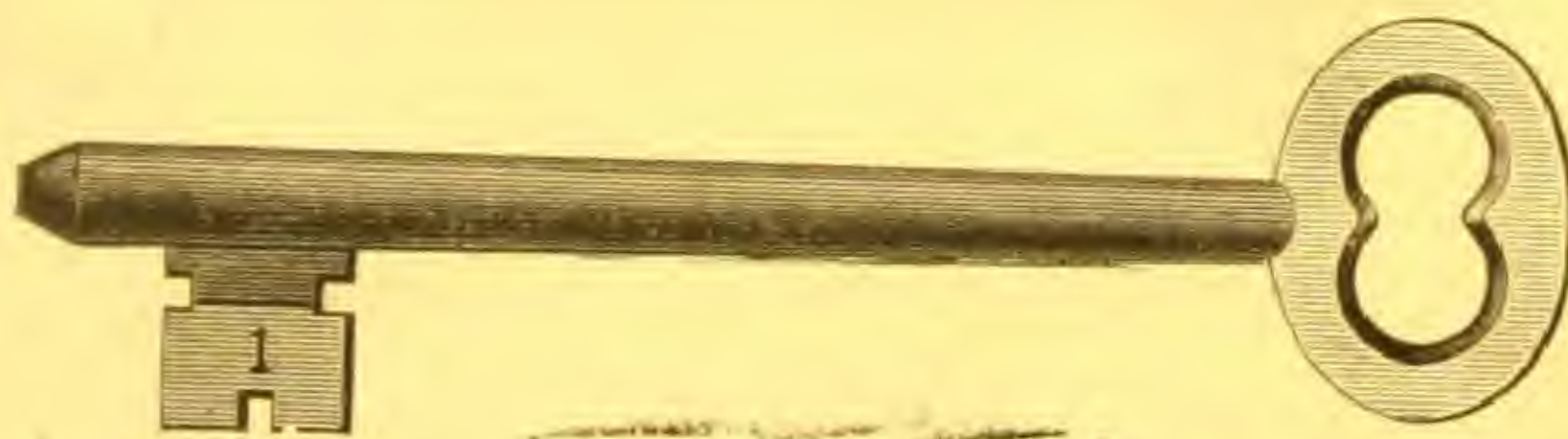
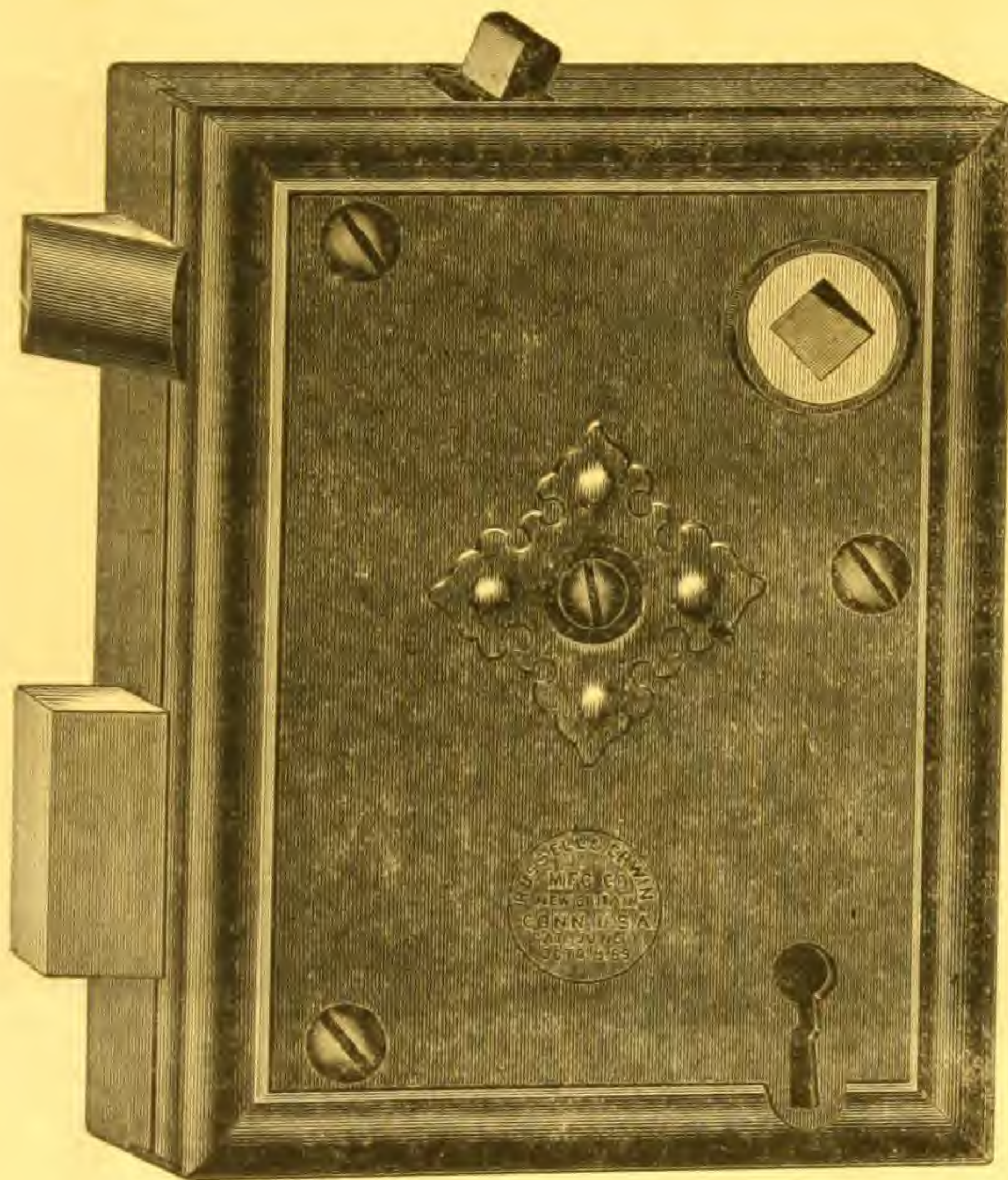
No.	Size.	RIM KNOB LOCKS.		Per doz.	Each.
				Without Knobs.	Without Knobs.
90.	4 inch	Iron Bolt,	Tinned Key,	\$1 15	\$0 15
91.	4	" "	Nickel Key,	1 50	20
92.	4 1/2	" "	Tinned Key,	1 80	22
93.	4 1/2	" "	Nickel Key,	1 95	25
94.	4 1/2	Brass "	"	2 35	30
95.	5	" Iron "	Tinned Key,	3 00	30
96.	5	" Brass "	Nickel Key,	4 25	45
97.	5	" " "	Brass Key, three Tumblers,	6 75	75
98.	6	" Iron "	Tinned Key,	3 65	40
99.	6	" Brass "	Brass Key,	4 50	45
100.	6	" " "	Brass Key, three Tumblers,	7 75	80

Reversible for Right or Left-Hand Doors.

No.	Size.
88.	4¼ inch
89.	4½ "

RIM KNOB LOCKS.

Wrought Steel.

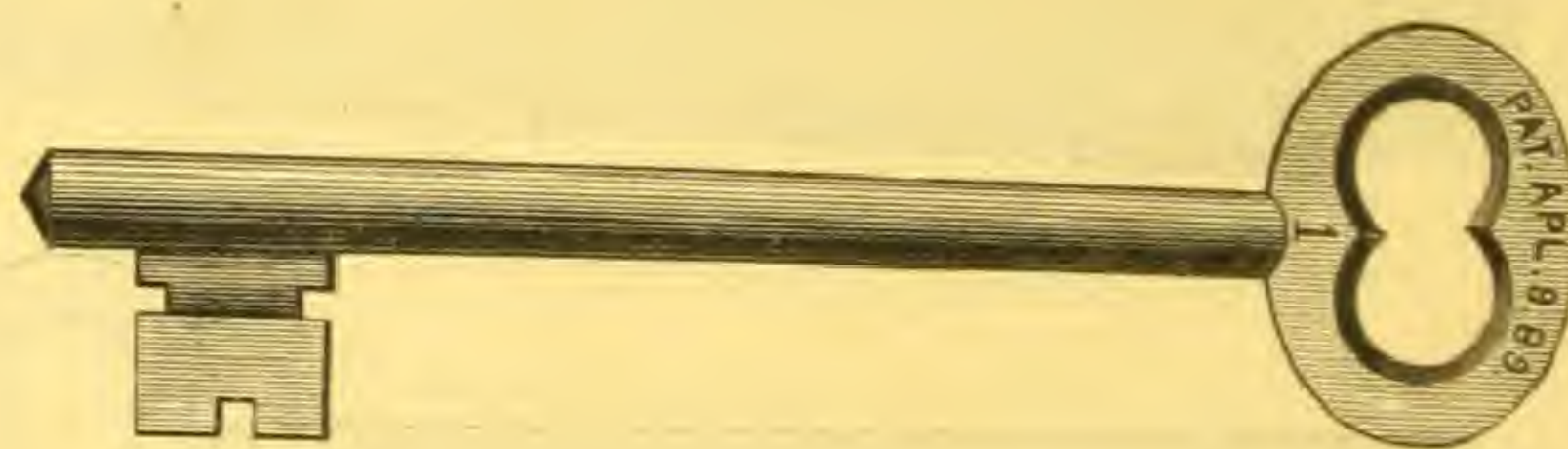
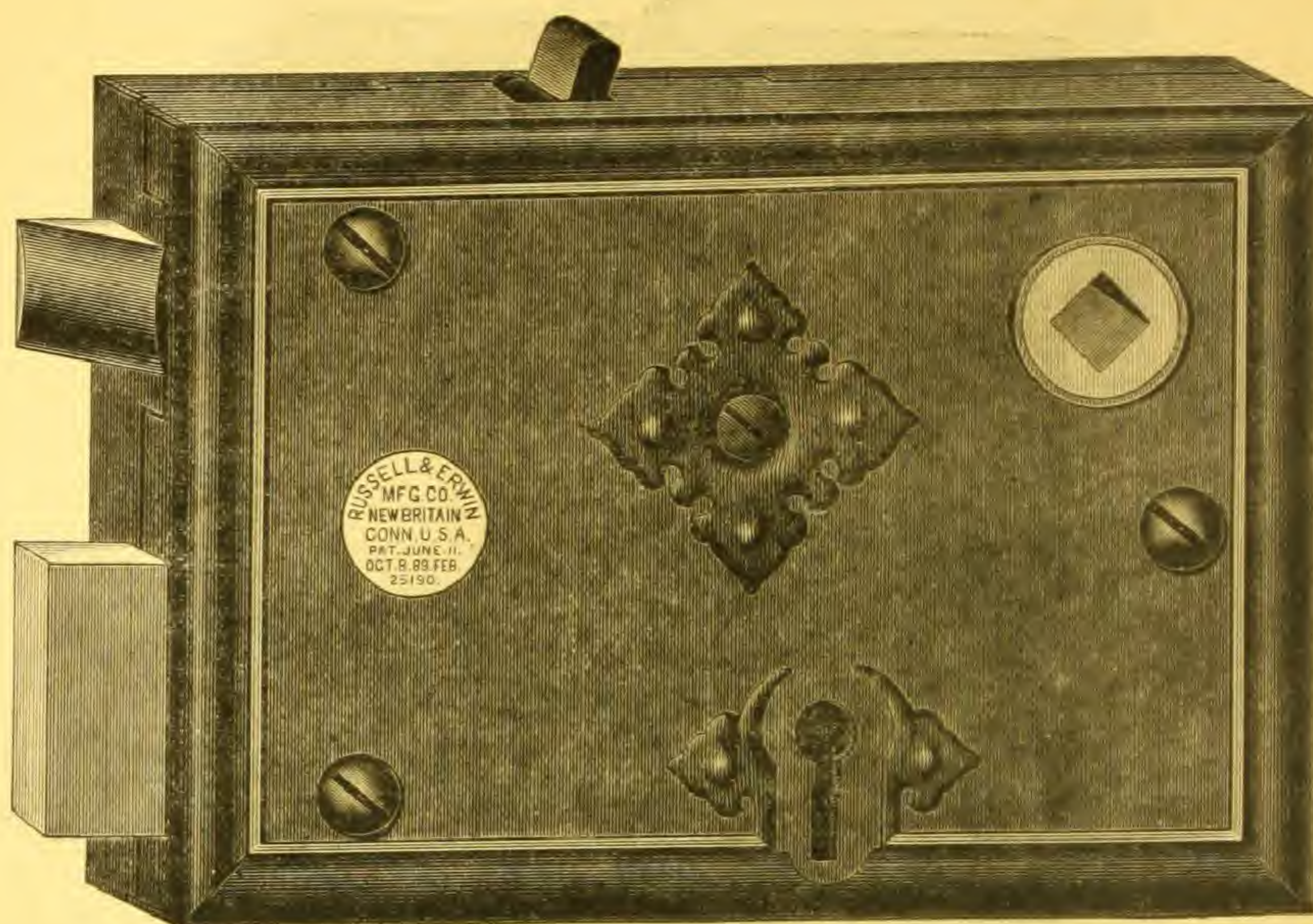


No.	Size.		Per doz.	Each,
			Without Knobs.	Without Knobs.
88.	4 $\frac{1}{4}$ inch, Iron Bolts, nickel-plated key,		\$1 45	\$0 18
89.	4 $\frac{1}{2}$ " " " " " " " "		2 10	22

Reversible for Right or Left-Hand Doors.

HORIZONTAL RIM KNOB LOCKS.

Wrought Steel.



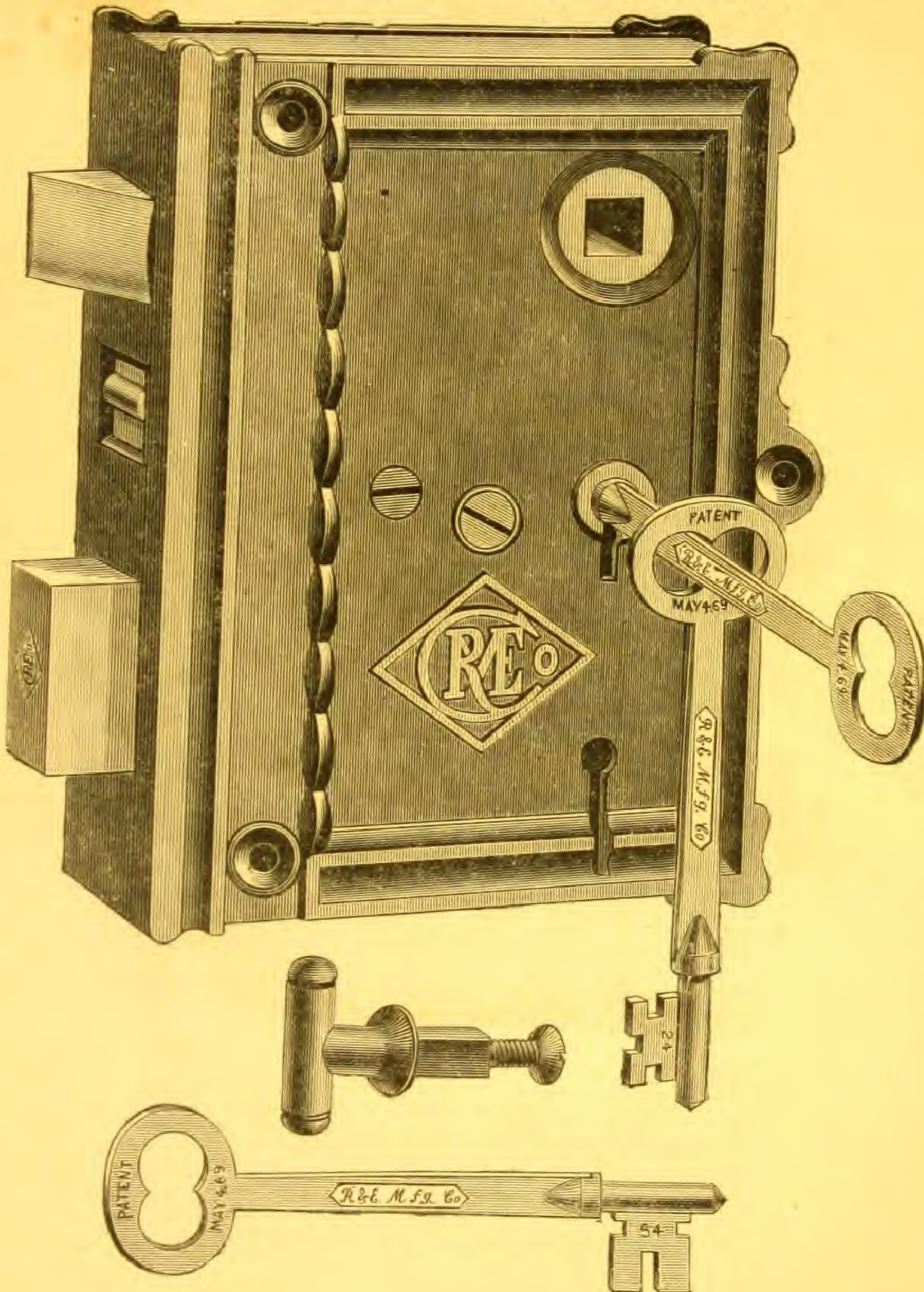
Full size cut of No. 2151, Rim Knob Lock.

No.	Size.	Horizontal Rim Knob Lock	Per doz., Without Knobs.	Each, Without Knobs.
2151.	4½ inch,	with Stop, Iron Bolt, Nickel Key,	\$1 50	\$0 18
2152.	5 " "	" " " "	2 25	25

Reversible for Right or Left-Hand Doors.

No. 8
105. 4 1/4 x 3

RIM FRONT DOOR LOCKS.

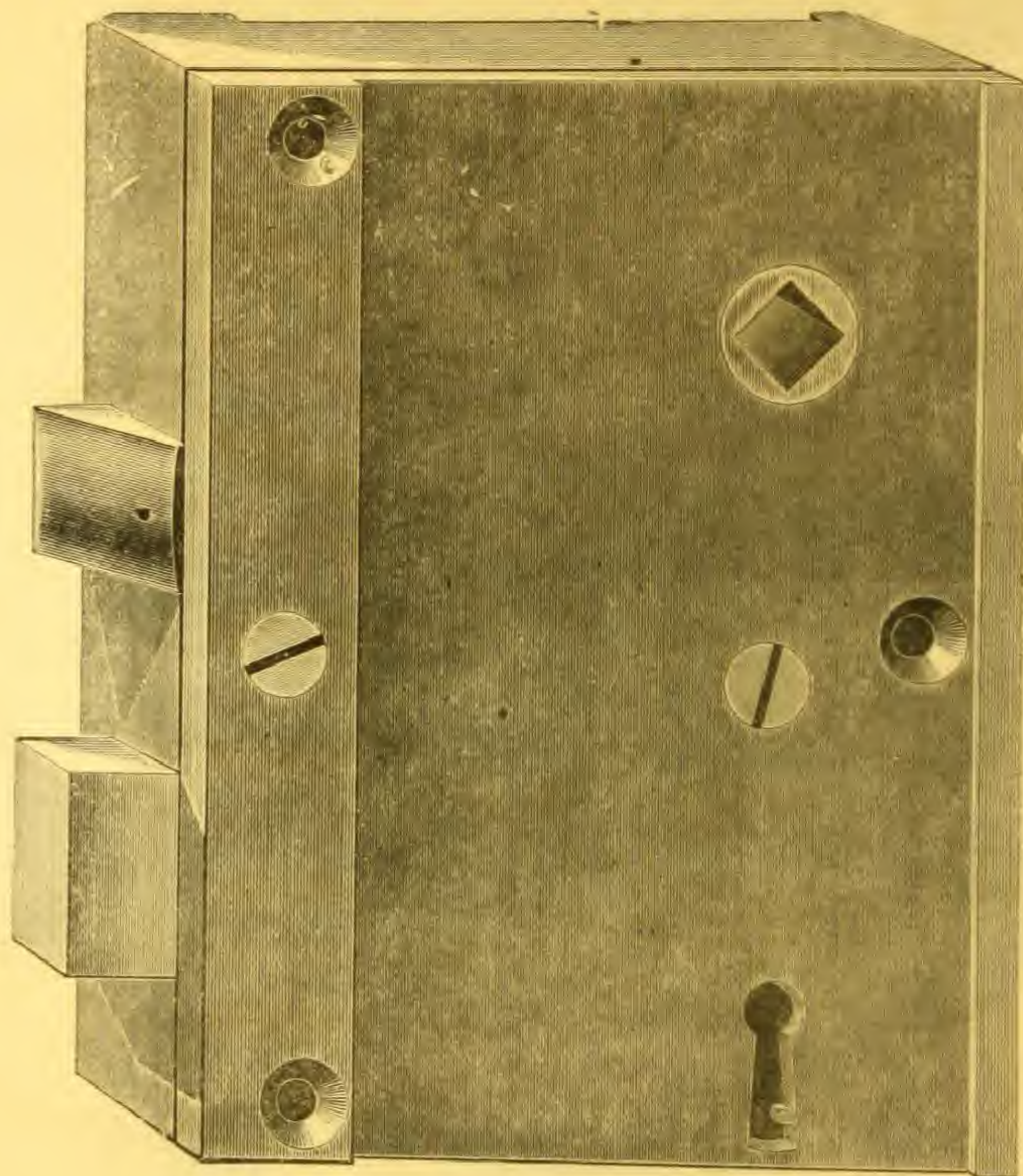


No. 105. Size. 4 3/4 x 3 3/4 inch, Upright Rim Front Door Lock, with two Night Keys, Reversible for Right or Left-Hand Doors.

Each, without Knobs. \$0 70

RIM KNOB LOCKS.

All Brass.



No. 691.

This cut is full size.

No. 690.	Heavy all Brass Rim Knob Locks, 4	inch,	each, \$1 50
" 691.	" " " 4 1/2	" "	" 1 75

No.	Size.
135.	3 1/2
136.	3 1/4
137.	3 1/8

No.	Size.
138.	3 1/4 x 2 1/8

An illustration of a heavy-duty metal safe, likely made of cast iron or steel, with a textured surface. The safe is rectangular and shown from a three-quarter perspective. On the front door, the words "RUSSELL" and "NEW PATENT" are embossed or cast in a serif font. The door features a large, circular, recessed handle in the center, a smaller circular handle to the left, and a rectangular handle on the right. Several large, ornate keys with circular heads and long shafts are positioned around the safe, some resting on the ground and others leaning against the door. The safe is set on a wooden surface, and the background is a plain, light color.

No.	Size.		RIM NIGHT LATCHES.	Per doz.	Each.
135.	3 x 2½ inch,	Horizontal Rim Night Latches, with two keys,		\$2 50	\$0 25
136.	3⅝ x 3	" " " " " Iron Bolt and two brass keys,		2 75	30
137.	3½ x 3	" " " " " Heavy Brass Bolt, two keys and three tumblers,		4 75	55

An open metal safe with a heavy, cast-iron construction. The interior features a large circular compartment on the left, a smaller circular compartment in the center, and a rectangular compartment on the right. The safe is shown open, revealing its internal structure and locking mechanism. The text "187" is visible on the inside of the door.

No.	Size.	YALE RIM NIGHT LATCHES.	
138.	3 7/8 x 2 7/8 inch,	Japaned Iron Case Night Latches, Bronze Escutcheon and Knob, three Corrugated,	Each.
		Steel keys,	\$1 35

HORIZONTAL RIM CLOSET LOCKS.

Wrought Steel.



Full size cut No. 1110, Closet Lock.

No.	Size.						Per doz.	Each.
1110.	2 3/4 x 2	inch,	Horizontal Rim Closet Locks,	Nickel Key,			\$1 55	\$0 18
1115.	3 1/2 x 2 1/2	"	"	"	"	double throw,	2 25	25

RIM KNOB LATCHES.

Wrought Steel.



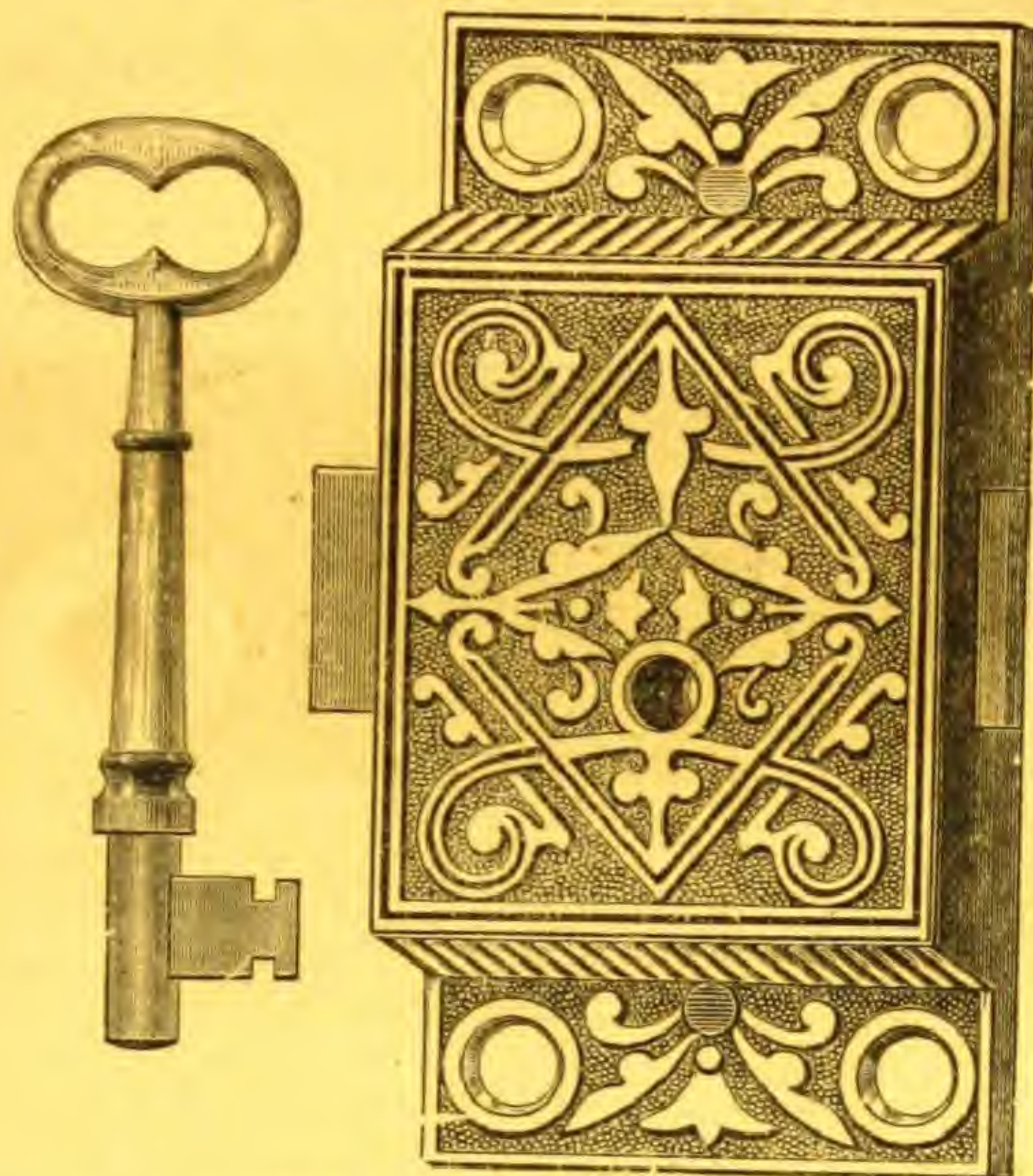
Full size cut of No. 1131.

No.	Size.						Per doz.	Each.
1131.	4 x 2 1/2	inch,	Horizontal Rim Knob Latch,	Iron Bolt,			\$1 32	\$0 15

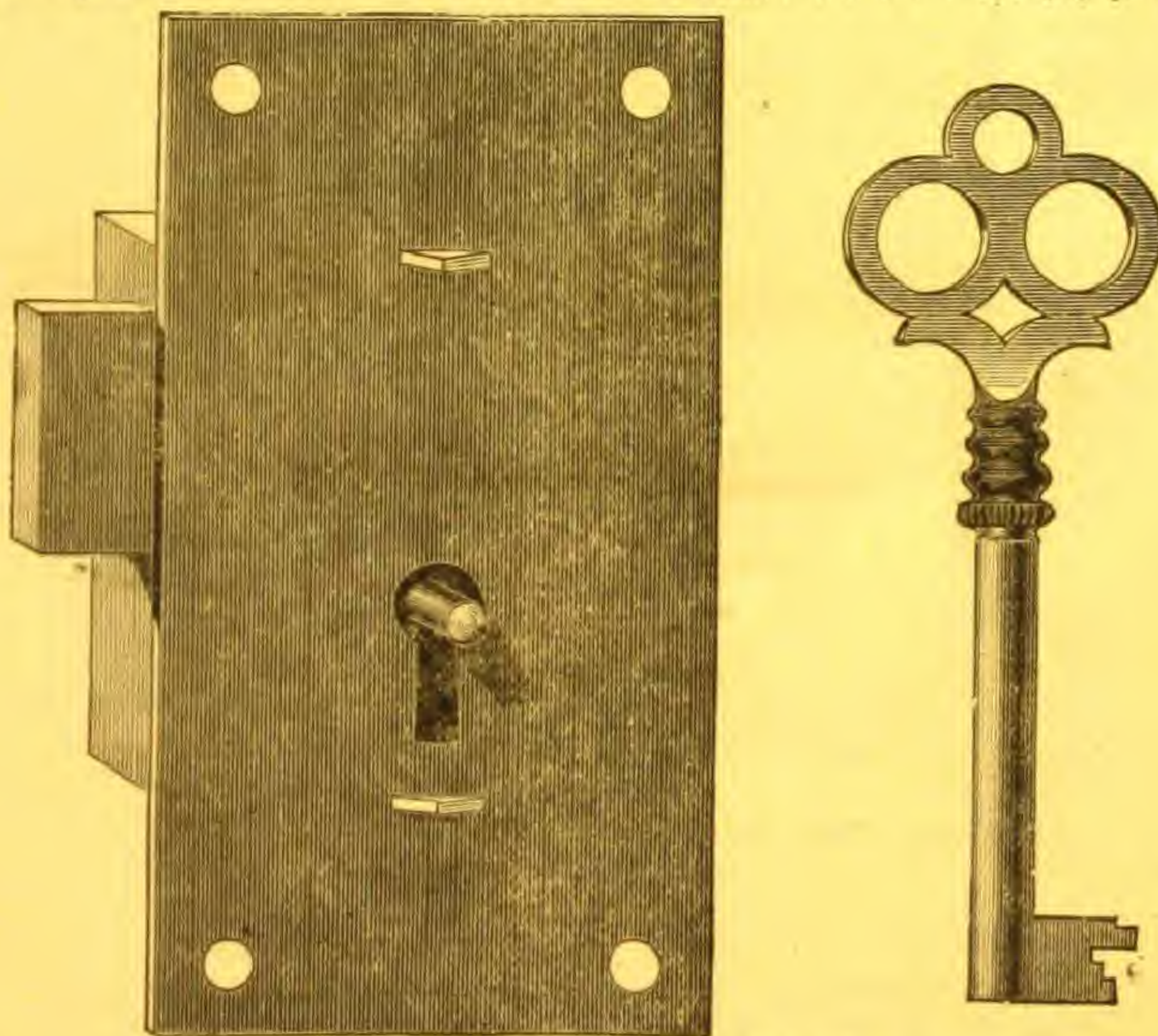
No. Size.
172. 3 1/2 x 1 1/4

No. Size.
166. 4 inch
168. 3 1/2 "

CLOSET LOCKS.



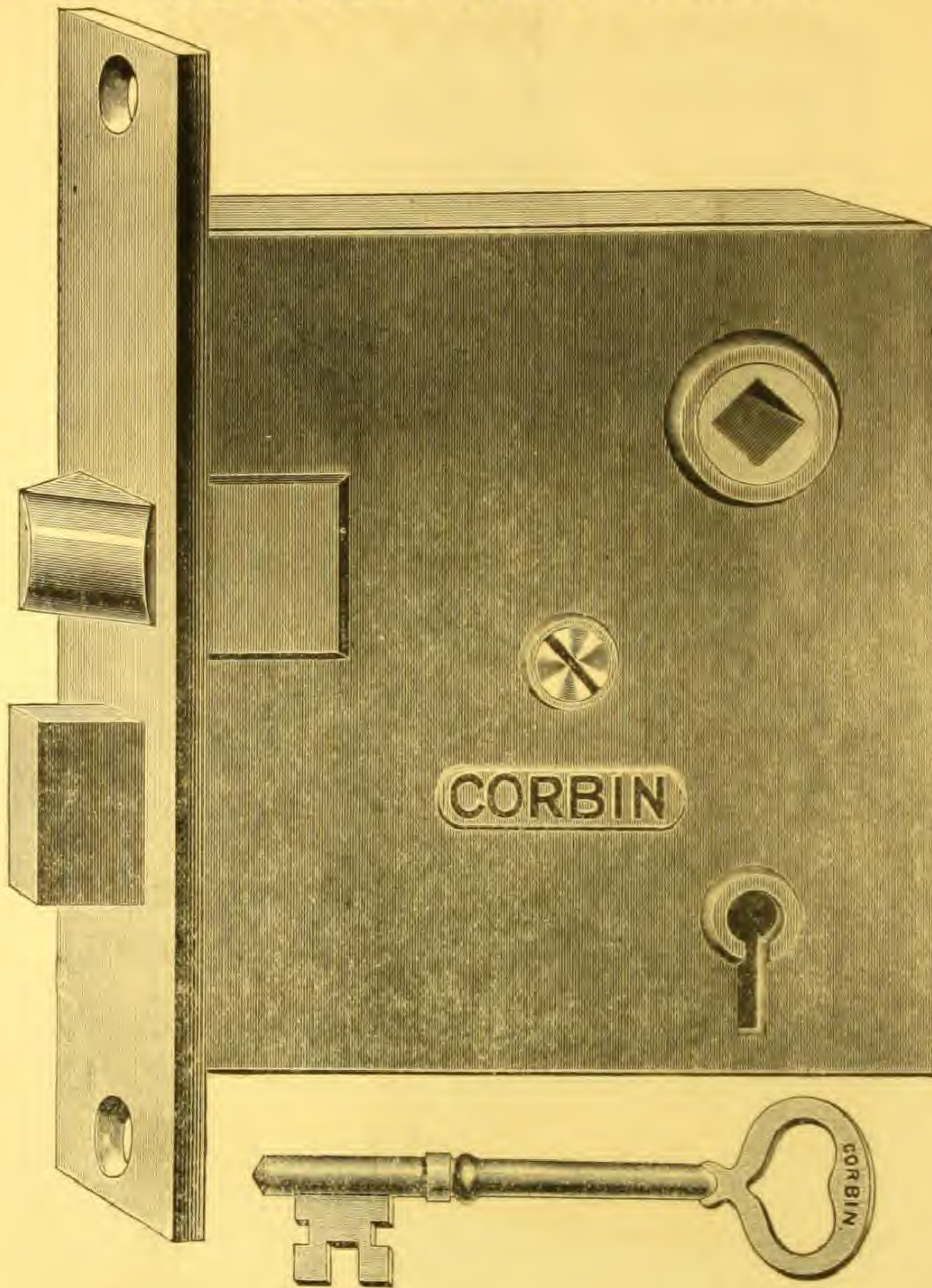
No.	Size.	Full size cut, No. 172 Lock.	Per doz.	Each.
172.	3½ x 1¼ inch,	Bronzed, with Bronzed Screws and Escutcheon,	\$0 85	\$0 12



Full size cut of No. 168, Wardrobe Lock.

No.	Size.		Per doz.	Each.
166.	4 inch,	Iron Wardrobe Lock, two secure Tumblers, Heavy Broad Bolt, Flat Bow keys,	\$1 60	\$0 20
168.	3½ " " " " " " " "		1 50	18

MORTISE KNOB LOCKS.



		Mortise Knob Locks.				Per doz.	Each,
No.	Size.					without Knobs.	without Knobs.
1.	3½ inch,	Iron Front, Iron Bolt, Tinned Key,				\$1 15	\$0 15
2.	3½ "	" " " Nickel-plated Key,				1 60	18
3.	3½ "	Brass Front, Brass Bolt, " "				2 50	30
17.	4 "	" " " " " "				3 75	38
10.	4½ "	" " " " " "				3 75	38
11.	4½ "	" " " " " "					
		three tumblers,				7 50	75
15.	5 "	Brass Front, Brass Bolt, Nickel-plated Key,				7 25	75
		one tumbler,					
16.	5 "	Brass Front, Brass Bolt, Nickel-plated Key,				9 50	1 00
		three tumblers,					
		Reversible for Right or Left-Hand Doors.					

The case

No. Size.
8. 3½ inch
9. 3½ "

MORTISE KNOB LOCKS.

For Thin Doors.

The case of this Lock is 7-16 inches thick. The face of the Lock is 13-16 inches wide.



Mortise Knob Locks.

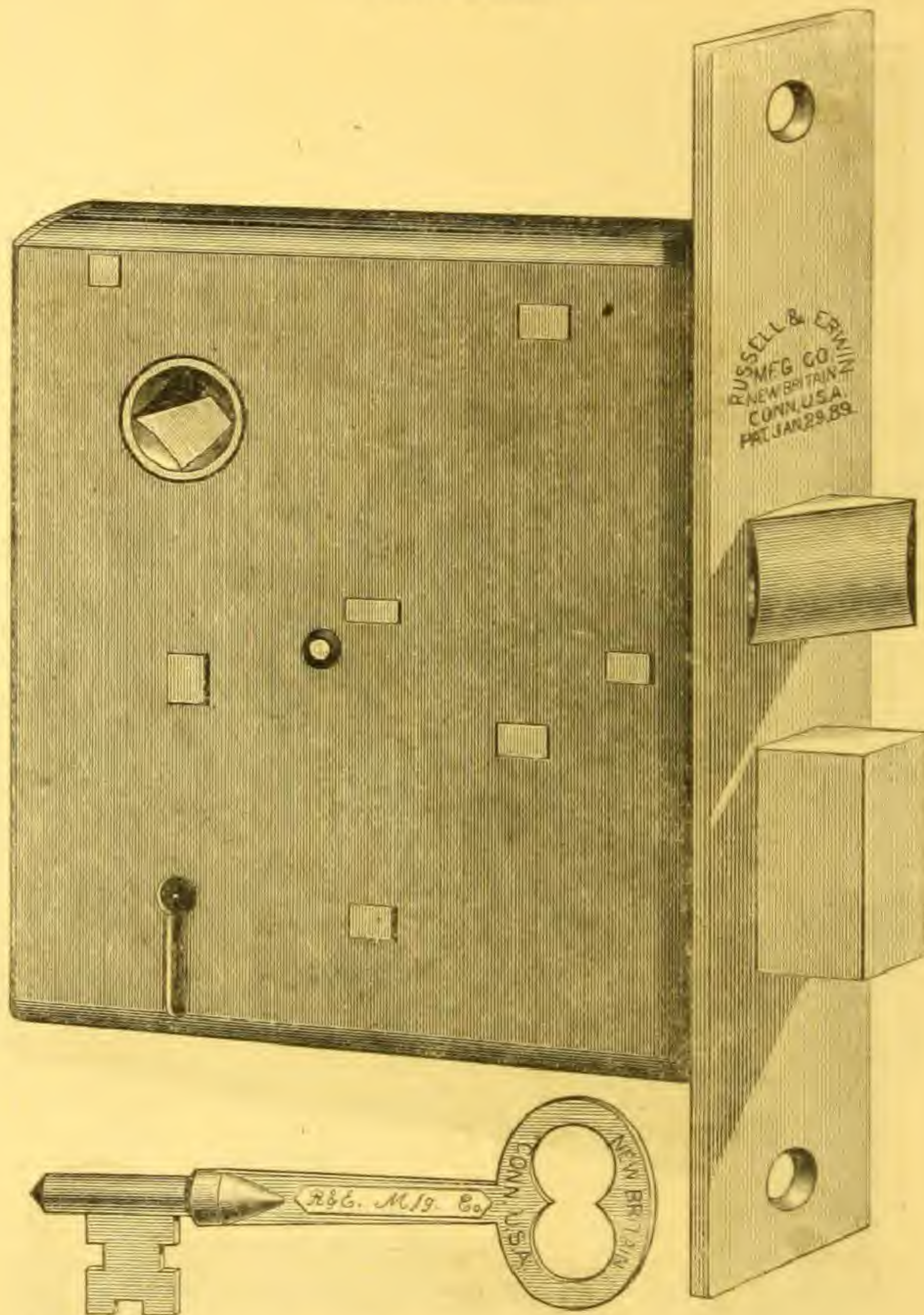
No.	Size.		Per doz.	Each,
			without Knobs.	without Knobs.
8.	3½ inch,	Iron Front, Iron Bolts, Tinned Key.	\$1 50	\$0 18
9.	3½ "	Brass Front, Brass Bolts, Nickel Key,	3 25	35

Reversible for Right or Left-Hand Doors.

MORTISE KNOB LOCKS.

Wrought Steel Cases.

Indestructible.



Mortise Knob Locks.

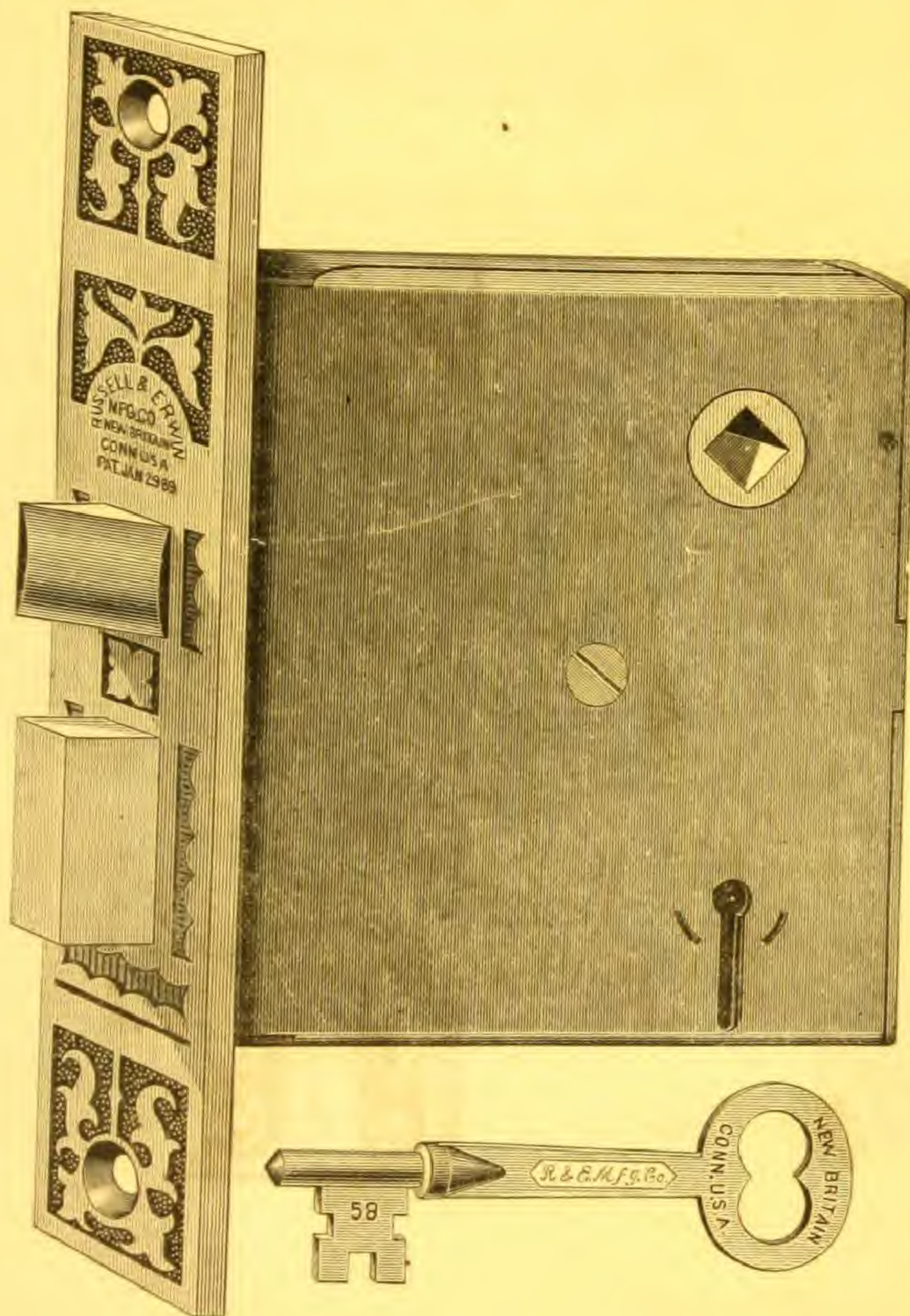
No.	Size.		Per doz. without Knobs.	Each, without Knobs.
128.	3½ inch,	Wrought Steel Case, Polished Steel Front, Nickel-plated Key,	\$1 90	\$0 20
129.	3½ "	Wrought Steel Case, Polished Brass Front, Nickel-plated Key,	3 15	32

Reversible for Right or Left-Hand Doors.

No. Size.
119. 3½ inch
Steel

MORTISE KNOB LOCKS.

Wrought Steel Cases.

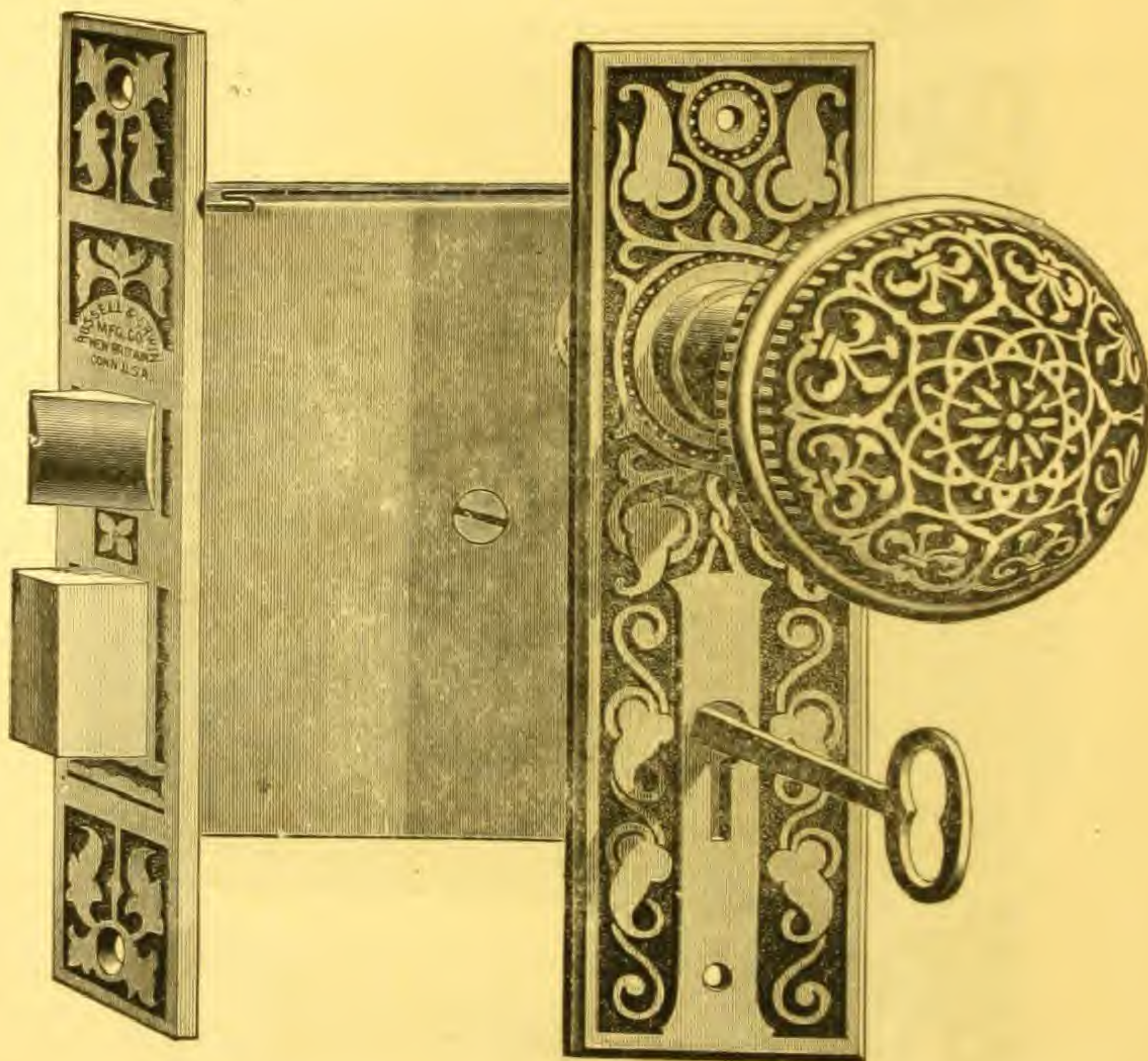


No.	Size.		Per Doz.	Each.
119.	3½ inch,	Ornamental Real Bronze Front and Striker, Wrought Steel Case, Nickel Key,	\$5 70	\$0 60

Reversible for Right or Left Hand Doors.

MORTISE KNOB LOCKS.

Packed with Knobs and Escutcheons.

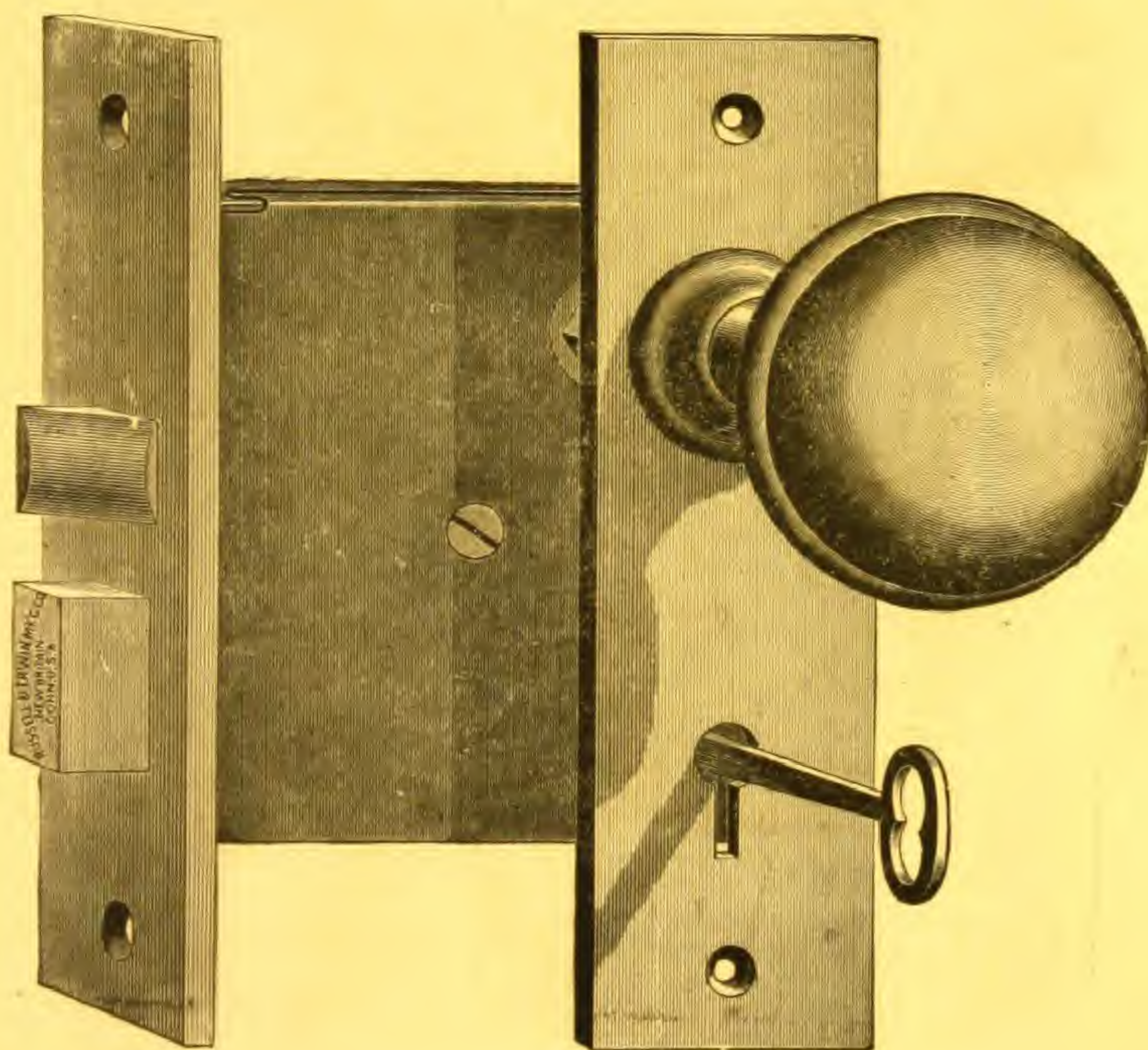


	Per doz.	Each.
47. Ornamental Mortise Knob Lock, with Bronze Metal Front and Striker, Nickel Key, packed with Ornamental Bronze Metal Knobs and Connected Escutcheons,	\$8 50	\$0 90
57. Ornamental Mortise Knob Lock, with Bronze Plated Front and Striker, Nickel Key, packed with Ornamental Bronze Plated Knobs and Connected Escutcheons,	6 00	60

48. Plain Mo
Key, p
Escutche
49. Plain M
Nickel-
Bronze

MORTISE KNOB LOCKS.

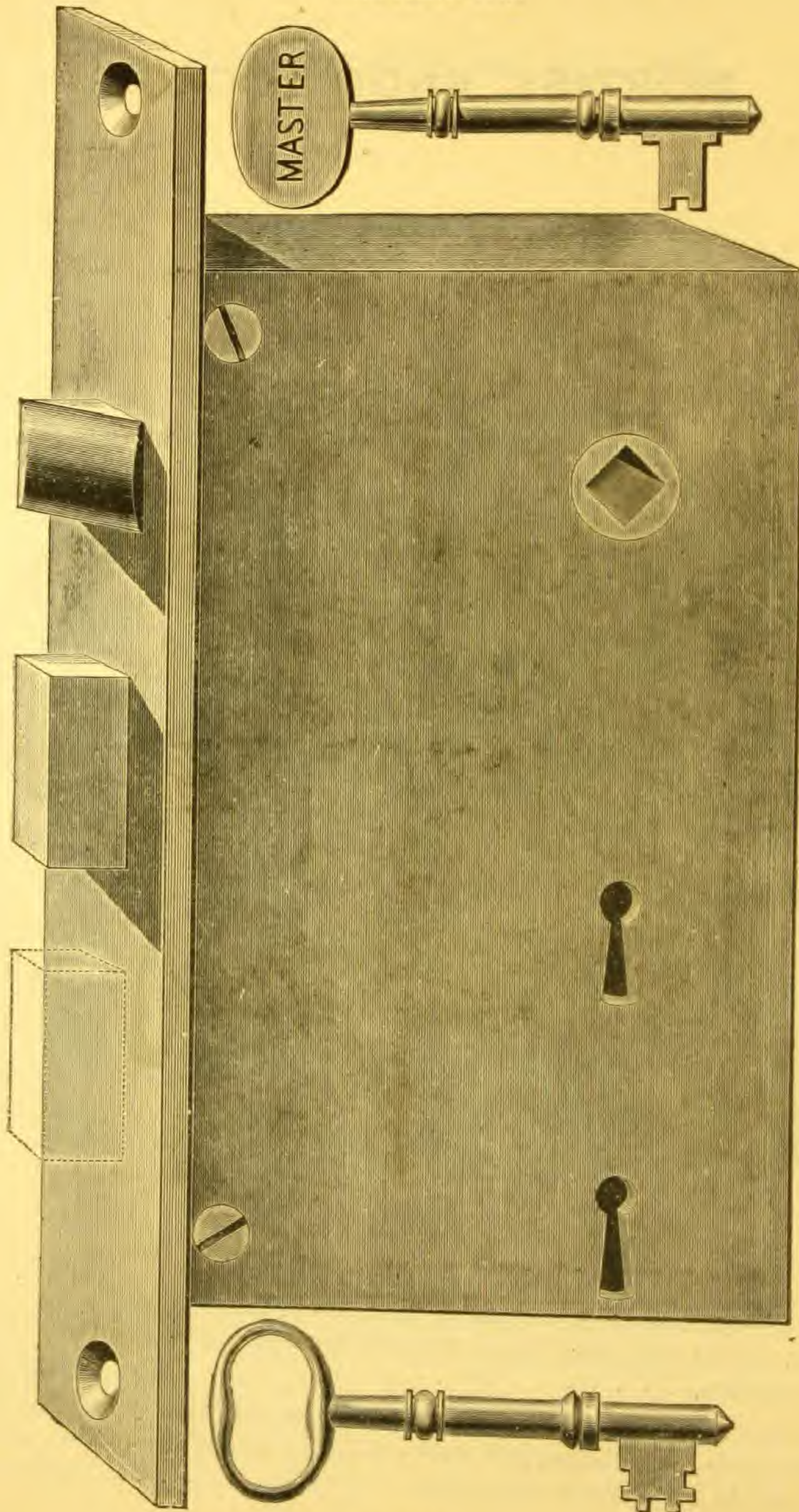
Packed with Knobs and Escutcheons.



	Per doz.	Each.
48. Plain Mortise Knob Lock, with Bronze Metal Front, Nickel-plated Key, packed with Plain Bronze Metal Knobs and Connected Escutcheons,	\$8 50	\$1 00
49. Plain Mortise Knob Lock, Bronze Plated Front and Striker, Nickel-plated Key, packed with Ebony Door Knobs and Plain Bronze-plated Connected Escutcheons,	4 50	50

MORTISE KNOB LOCKS.

With Master Key.



No. 153.

No. Size.
153. 5x3½
Brass
of key.

Keyholes

No inside

When loc

When ord

No. Size.
154. 4½x3½
Brass
for rig

No. Size.
155. 3½x
Nickel
for rig

MORTISE KNOB LOCKS.

Suitable for Hotels.

With Master Key.

No.	Size.	Per doz.	Each,
		Without Knobs.	Without Knobs.
153.	5x3½ inch, Brass Front and three Brass Bolts, Brass Key, two Tumblers, eight hundred changes of key,	\$11 25	\$1 20

Keyholes not opposite.

No inside bolt required with this lock.

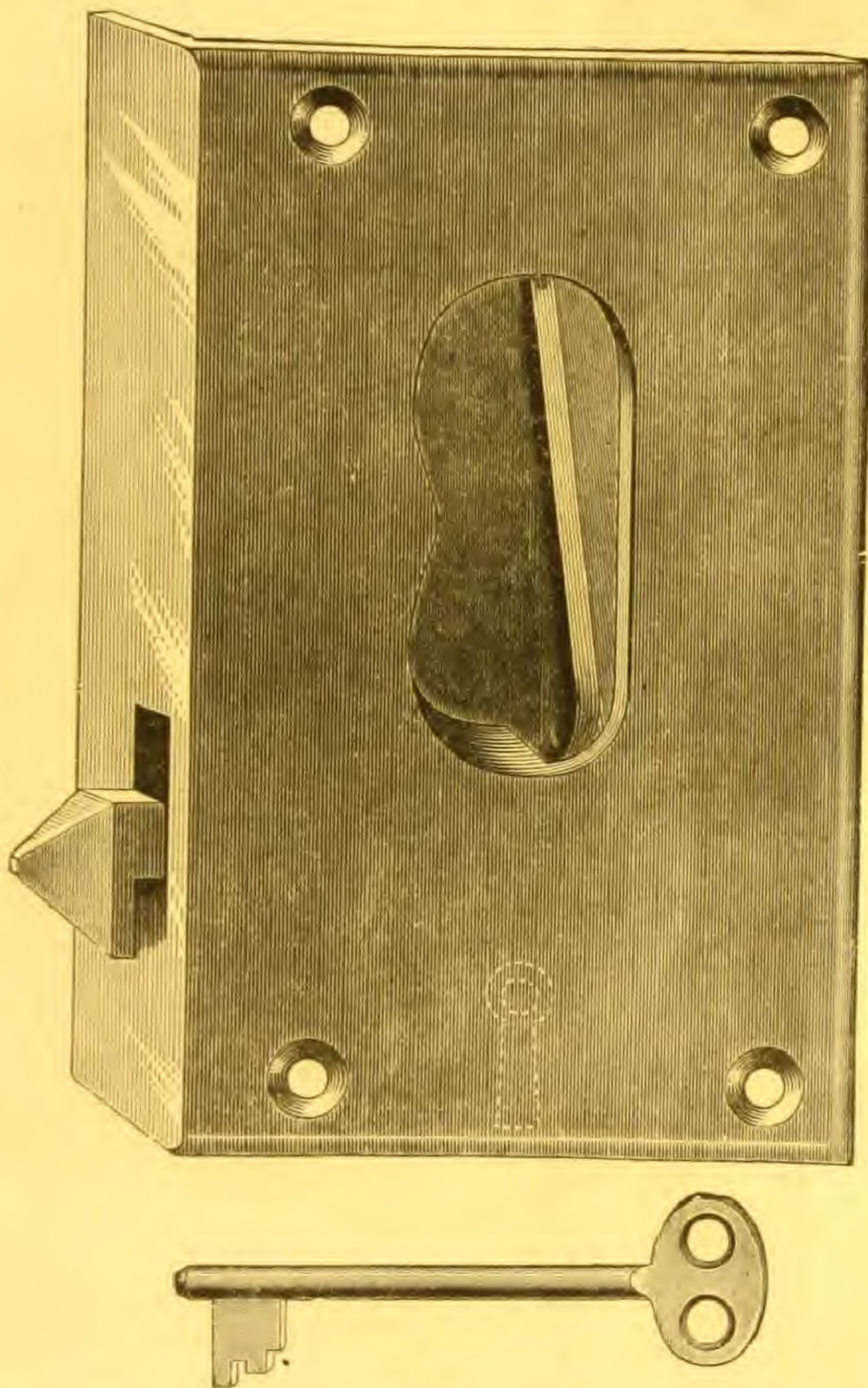
When locked upon the inside this lock cannot be *opened on the outside.*

When ordering this lock state hand of doors.

No.	Size.		
154.	4½x3½ inch, Brass Front and two Brass Bolts, Brass Key, four hundred changes of key, reversible for right or left-hand doors,	\$8 00	\$0 85

No.	Size.		
155.	3½x3¾ inch, Brass Front and two Brass Bolts, Nickel Key, twenty-four changes of key, reversible for right or left-hand doors,	\$5 50	\$0 60

ELEVATOR DOOR LATCHES.



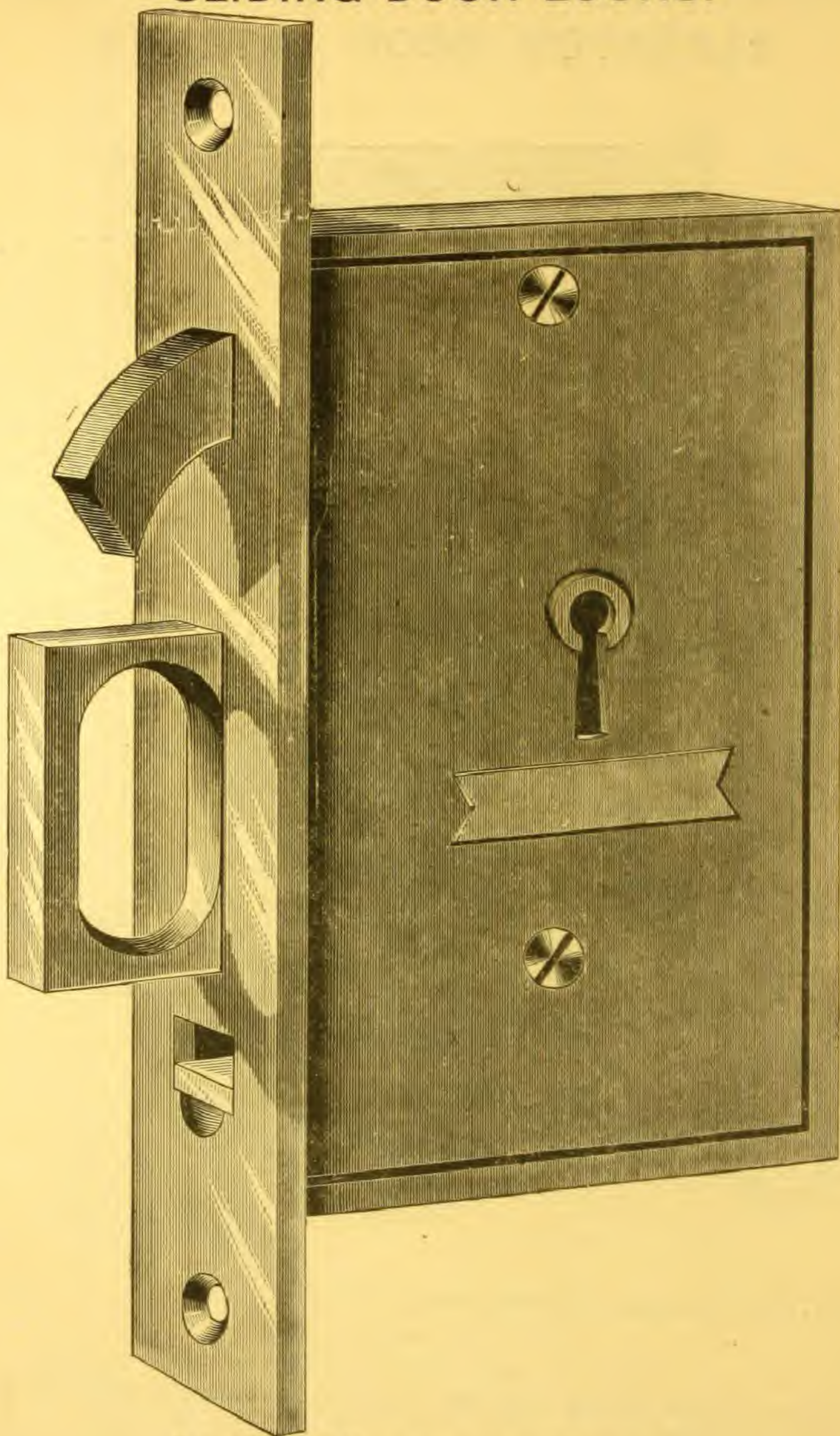
No. 680.

No. 680. Heavy all Brass Elevator Door Latch, each, \$1 40

Operated on elevator side, with side lever, working flush with face of latch, and on outside opened by means of a key.

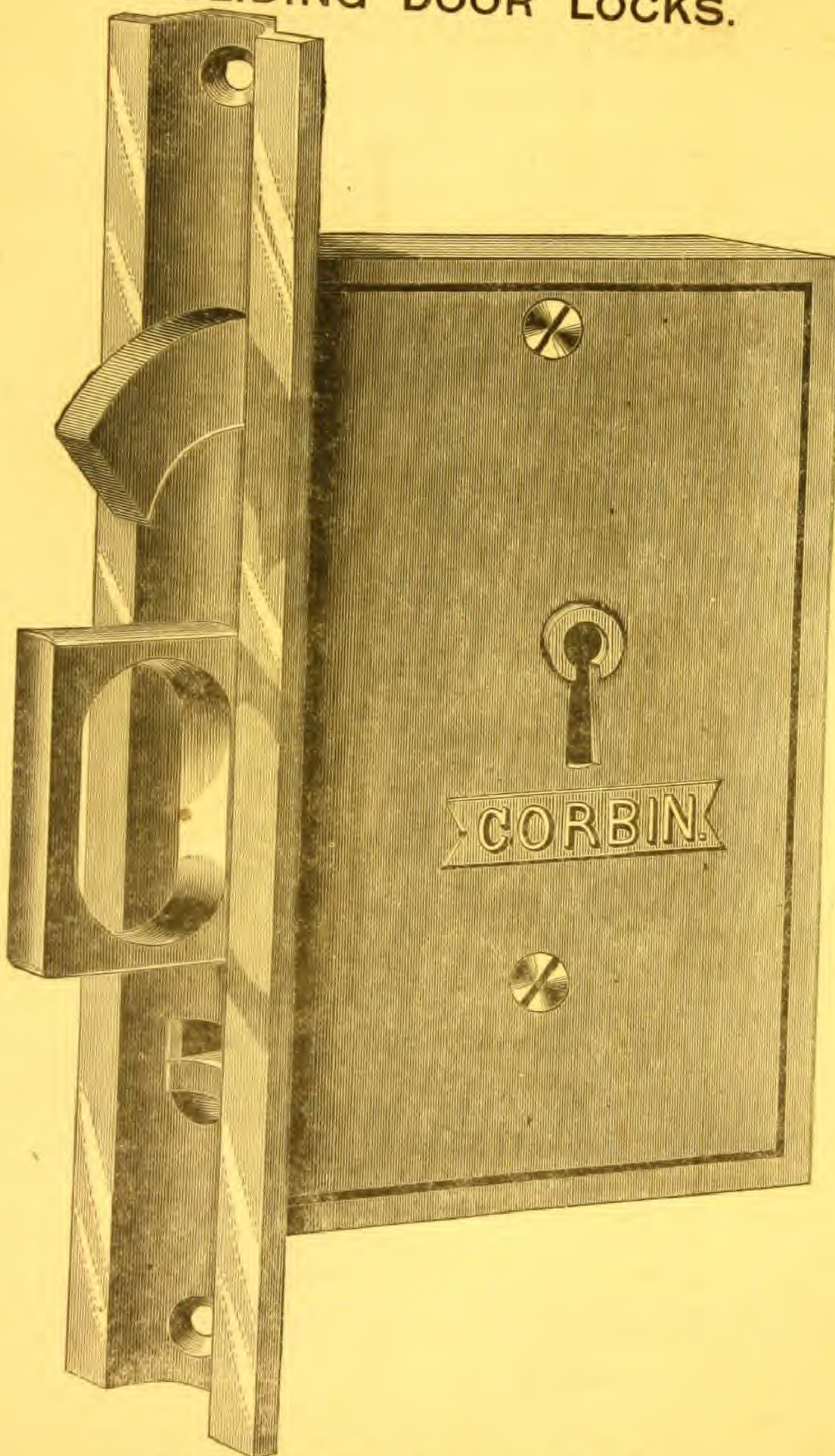
In ordering please state hand wanted. Cut represents *right-hand*.

SLIDING DOOR LOCKS.



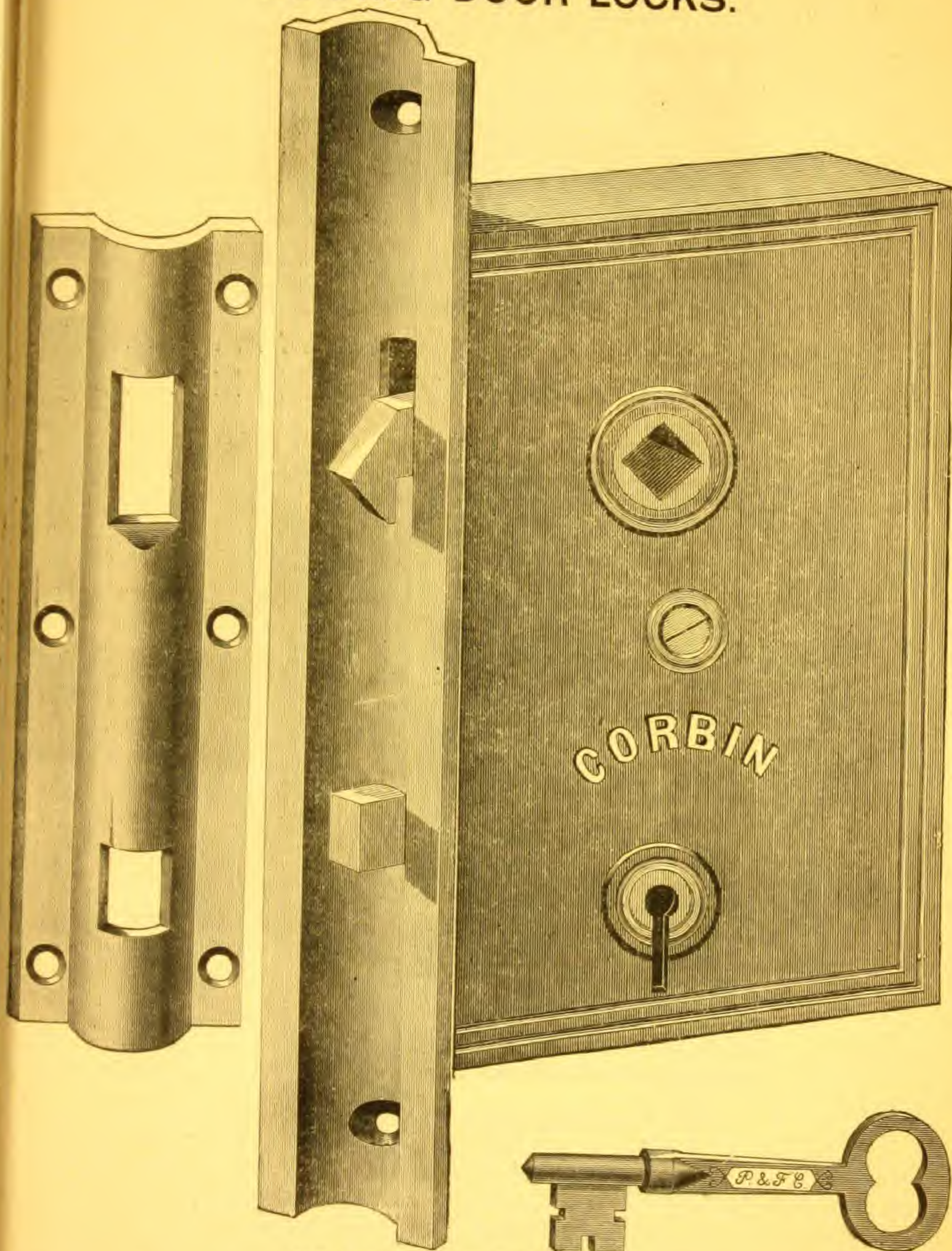
Full size cut of No. 1192, Sliding Door Lock.
(For description, see page 50.)

SLIDING DOOR LOCKS.



Full size cut of No. 1193, Sliding Door Lock.
[For description, see page 50.]

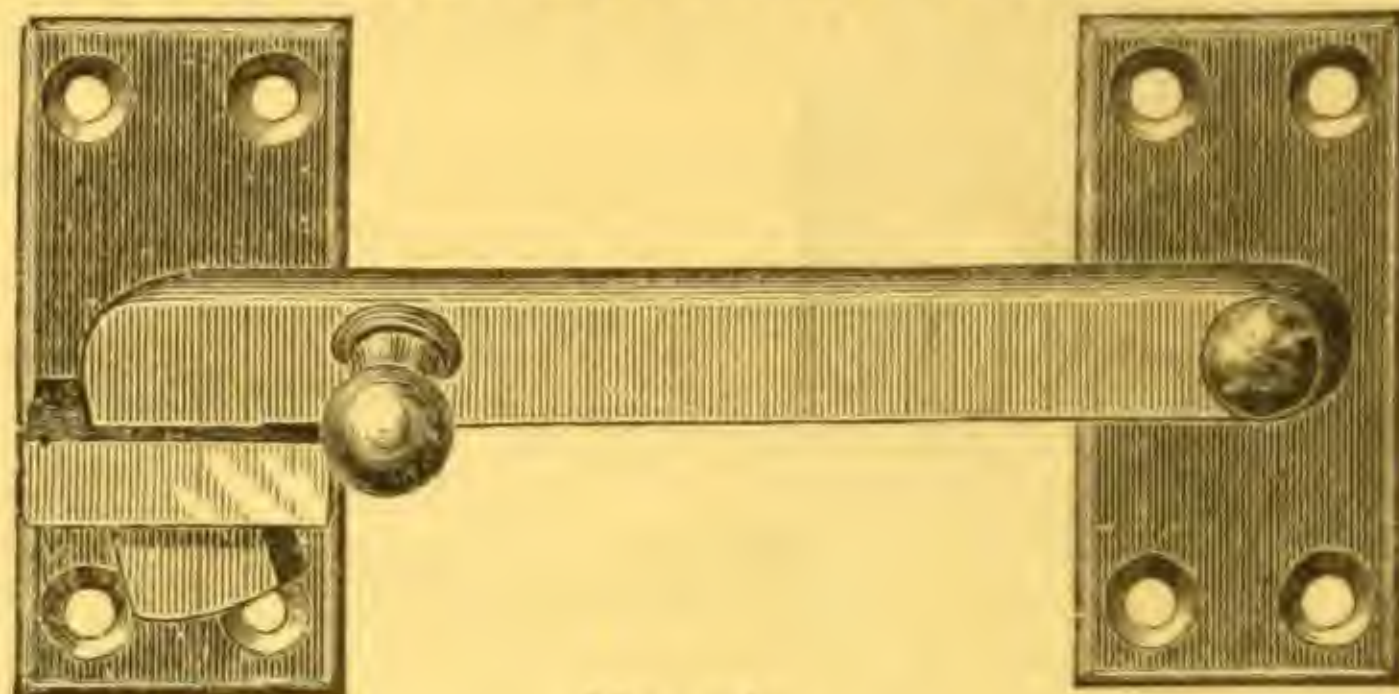
SLIDING DOOR LOCKS.



Full size cut of No. 190, Sliding Door Locks.

No.	Size.	Description.	Each.
190.	5x3½ inch,	Astragal Face Sliding Door Lock, Heavy Brass Front and Striker Plate, Brass Key, . .	\$0 90
191.	5x3½ " Plain	" " " " " " " " " " " "	80

STABLE DOOR HOOKS.

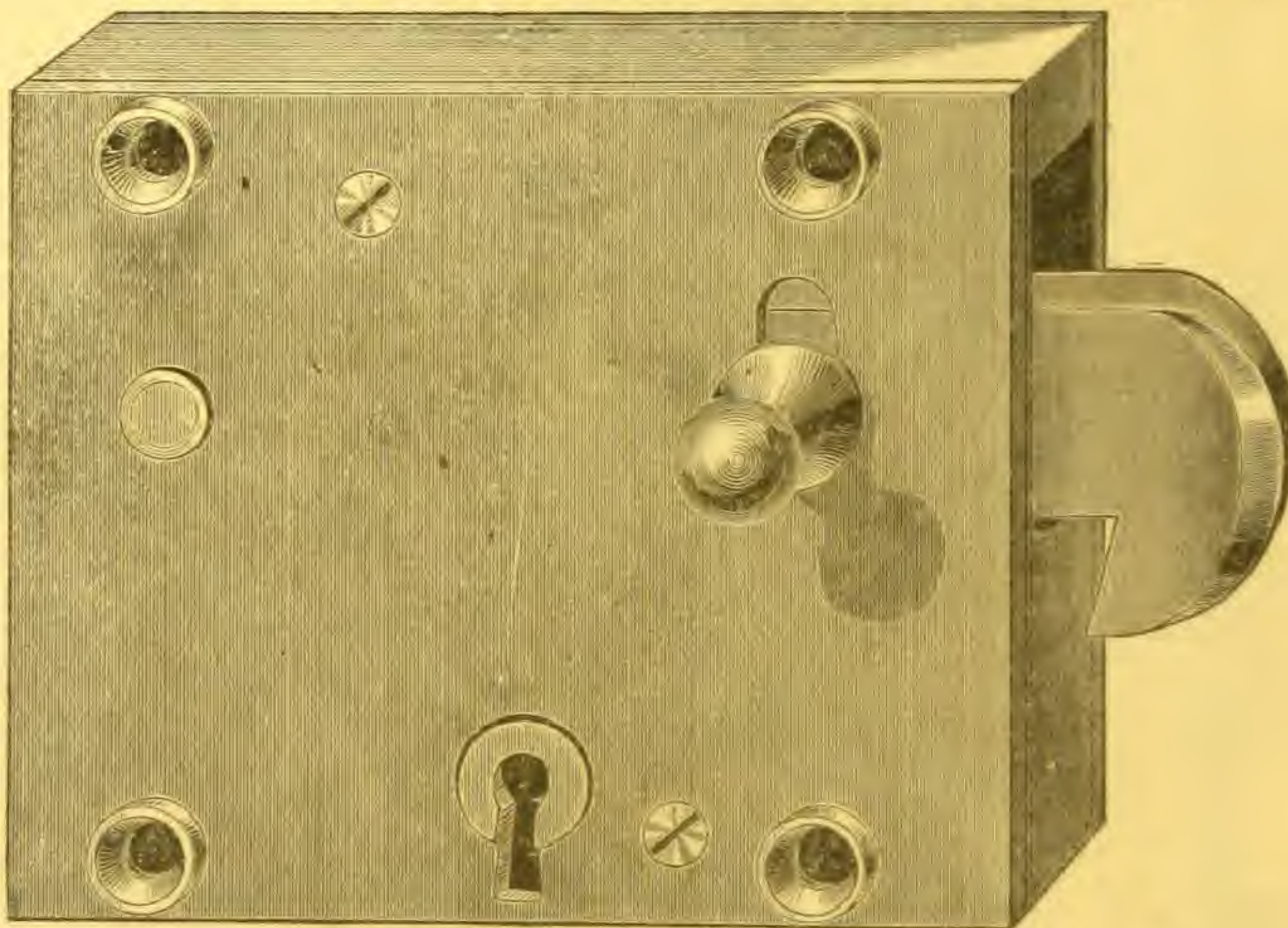


No. 365.

This cut is one-half size.

No.		Each.
365.	6 inch, Galvanized Stable Door Hooks,	\$0 75
366.	8 " " " " 	1 50
367.	12 " " " " 	2 00

RIM SLIDING DOOR LATCH.



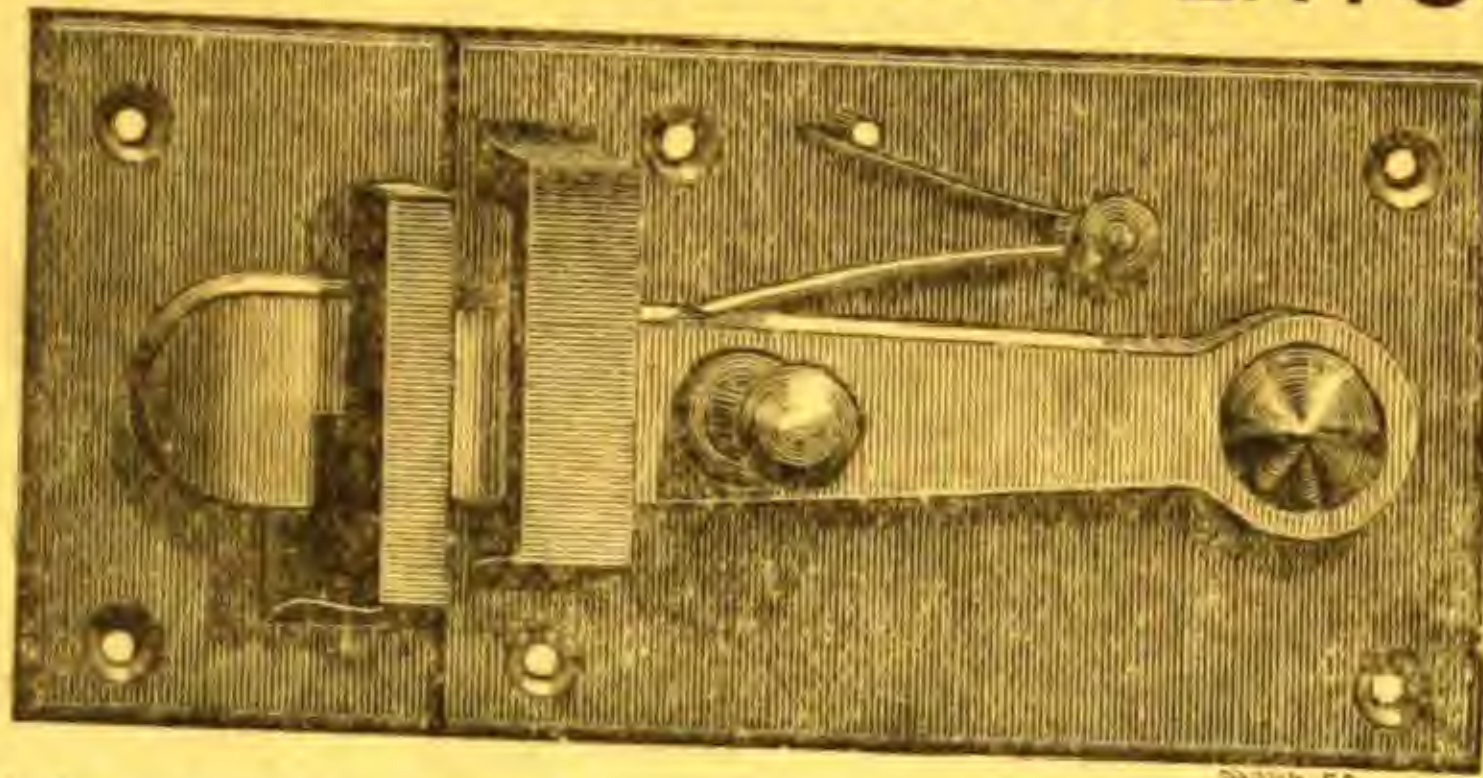
No. 683.

This cut is one-half size.

No.	This cut is one-half size.	Each.
683.	Extra Heavy Rim Sliding Door Latch, with three secure tumblers,	\$3 00
	Reversible for either Left or Right-Hand Doors.	

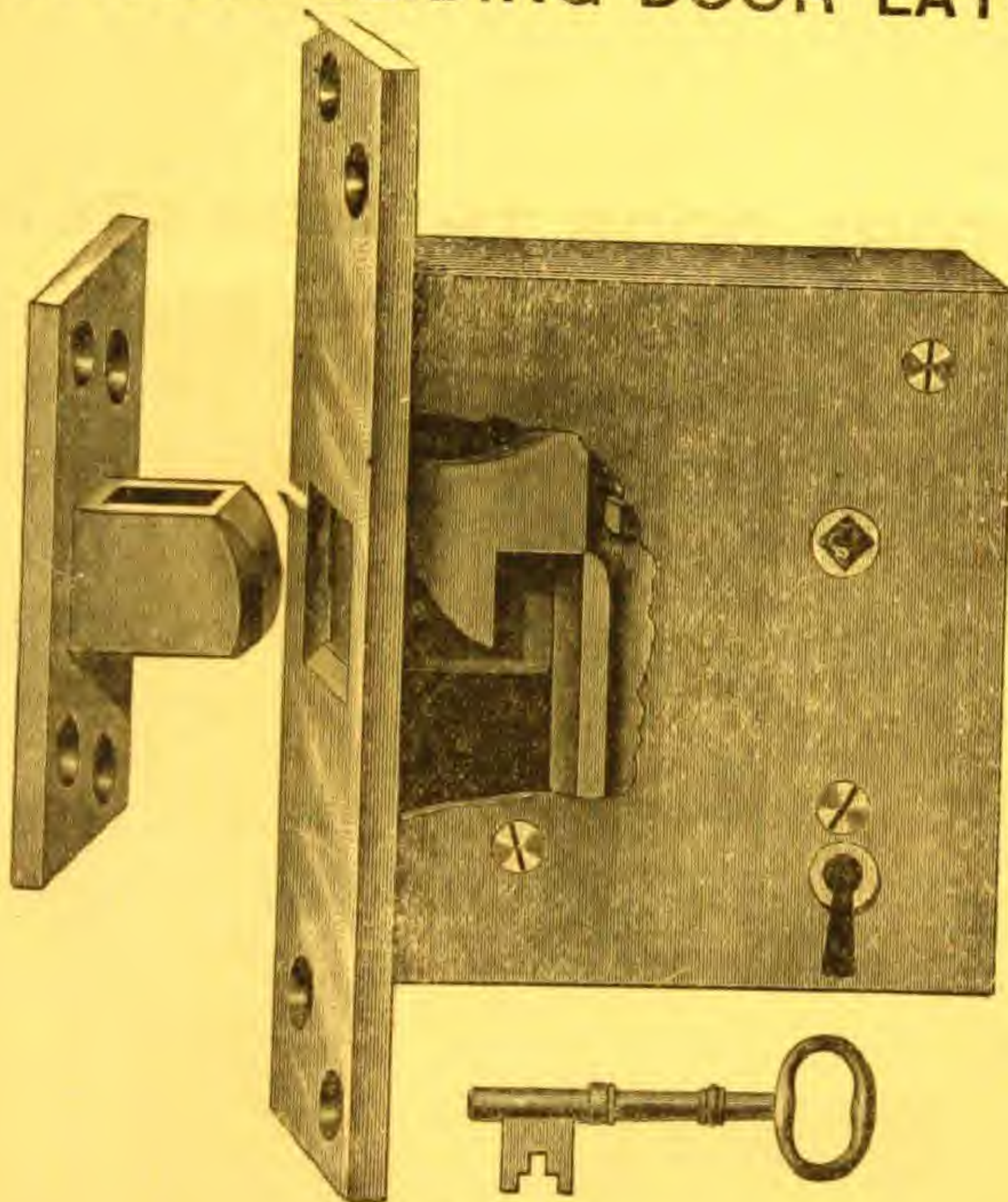
These Latches are intended for Stable Doors or Gates, and are truly extra heavy. The cut being but half-size, does not give an idea of their real weight, solidity, and strength.

RIM SLIDING DOOR LATCH.



No. 360. Heavy Galvanized Iron Rim Sliding Door Latch, each, \$2 50
In ordering please state hand wanted.

MORTISE SLIDING DOOR LATCH.



No. 684.

This cut is one-half size.

No. 684. Extra Heavy Mortise Sliding Door Latch, with three secure tumblers, each, \$5 00

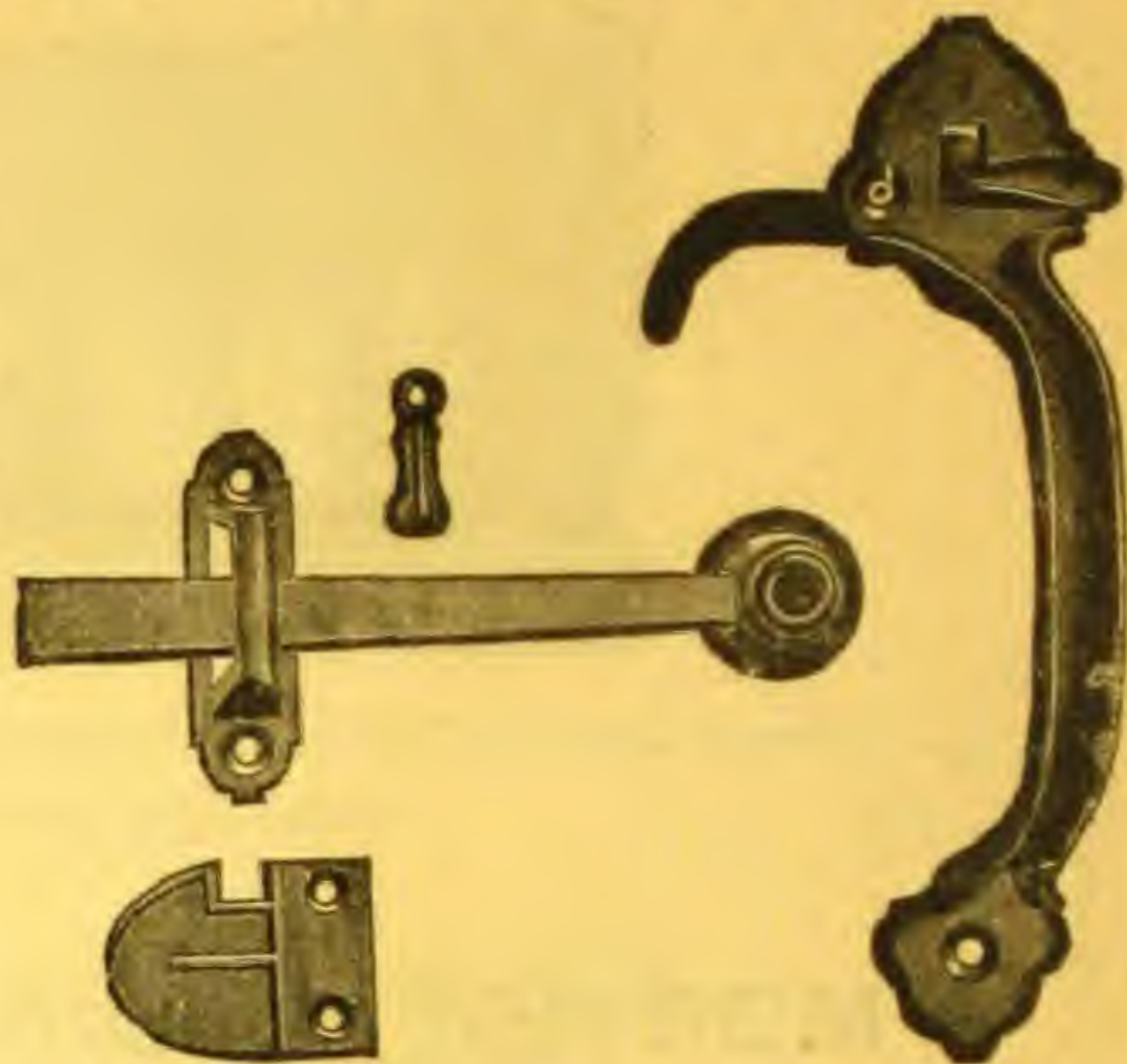
Reversible for Right or Left-Hand Doors.

These Latches are intended for Stable Doors or Gates, and are made extra heavy.

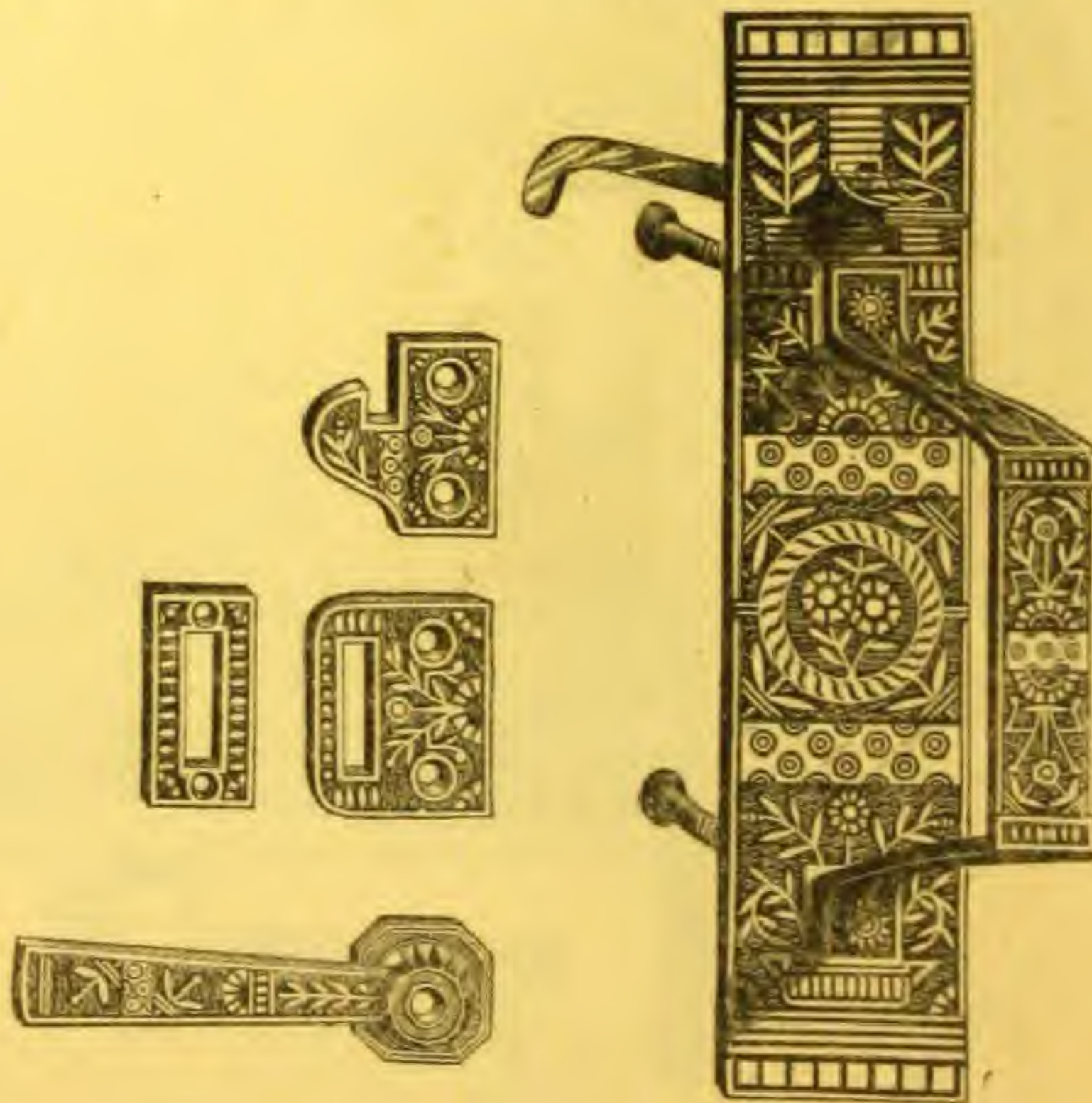
JAPANNED THUMB-LATCHES.

No.	Description.	Per doz. without Screws.	Each, with Screws.
1.	Japanned Thumb Latches,	\$0 35	\$0 07
2.	" " "	38	08
3.	" " "	45	09
4.	" " "	50	10

One Dozen in a Box.



STORE DOOR THUMB-LATCH.



No.		Per dozen.	Each.
110.	Berlin Bronzed Ornamental Store Door Thumb-Latch,	\$1 75	\$0 20
111.	Bronze Plated " " " "	3 00	30
9012.	Bronze Plated Plain Store Door Thumb-Latch,	5 00	50

STORE DOOR LOCK AND LATCH.

WITH HANDLES.



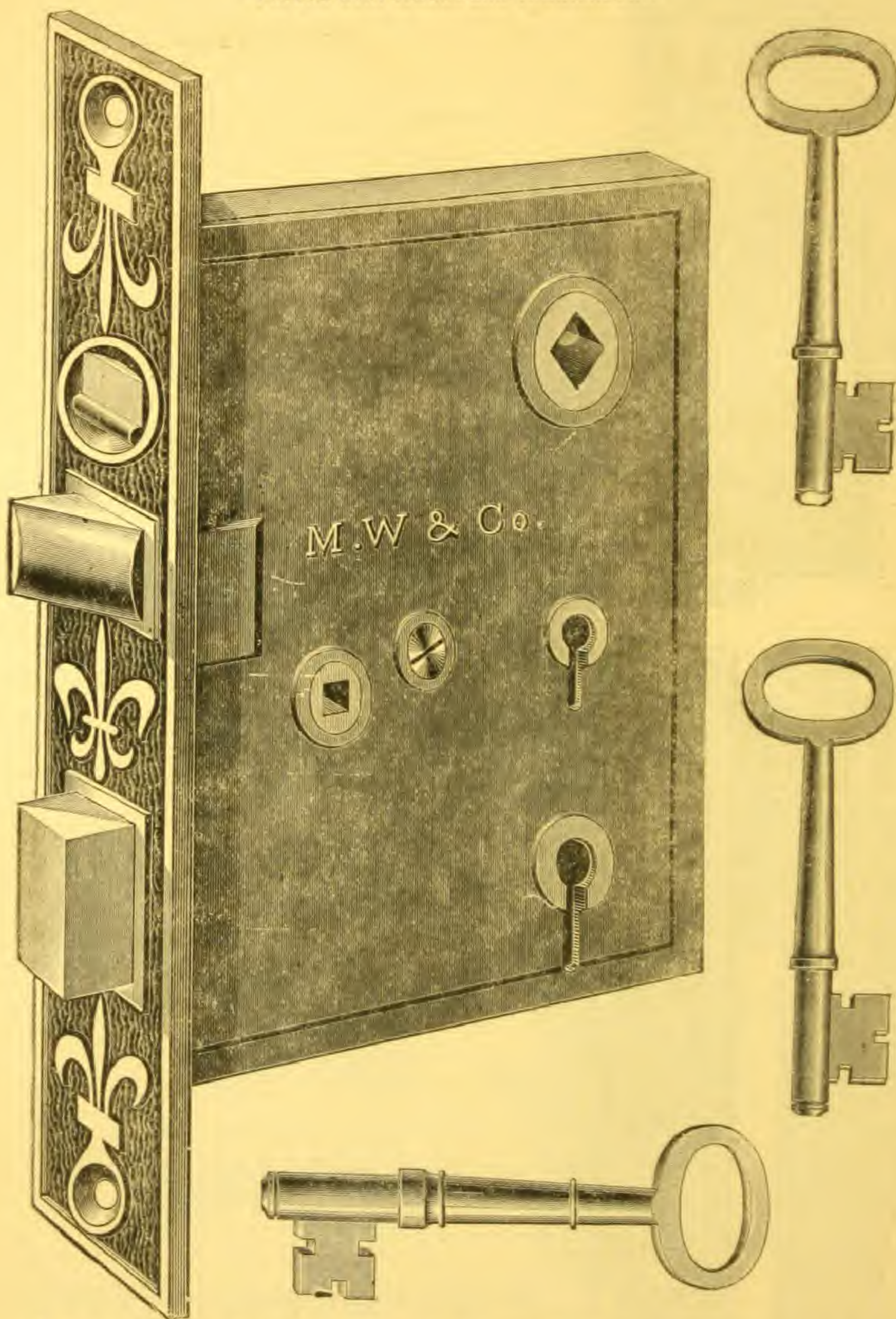
- | No. | | Each. |
|------|---|--------|
| 121. | Ornamental <i>Berlin Bronzed</i> , with Flat Front Lock, two Nickel-plated Keys, | \$1 30 |
| 141. | Ornamental <i>Bronze Plated</i> , with Flat Front Lock, two Nickel-plated Flat Steel Keys, | 1 75 |
| 147. | Ornamental <i>Real Bronze</i> , with Flat Front Lock, two Nickel-plated Flat Steel Keys, three Tumblers, | 3 20 |
| 149. | Ornamental <i>Real Bronze</i> , with $\frac{1}{2}$ inch Rabbeted Lock, two Nickel-plated Flat Steel Keys, three Tumblers, | 3 55 |
- In ordering please state hand of door.



- | No. | | Each. |
|-------|---|--------|
| 1157. | Plain <i>Bronze Metal</i> , with Flat Front Lock, three Tumblers, two Nickel-plated Flat Steel Keys, | \$3 50 |
| 1159. | Plain <i>Bronze Metal</i> , with $\frac{1}{2}$ inch Rabbeted Lock, three Tumblers, two Nickel-plated Flat Steel Keys, | 4 00 |
| 1158. | Plain <i>Bronze Metal</i> , with Flat Front Lock, four German Silver Flat Steel Keys, | 6 25 |
- In ordering please state hand and thickness of door.

MORTISE FRONT DOOR LOCK.

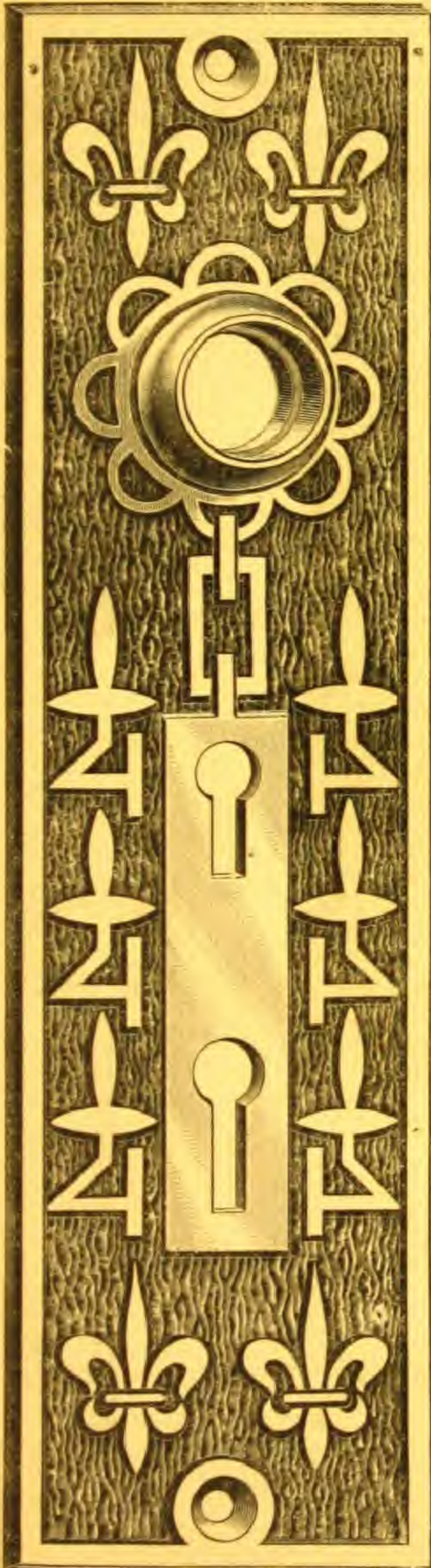
Packed with Knobs and Escutcheons.



Full size of Front Door Lock No. 1468, to match Vestibule Latch No. 1469.
(For description, see page 57.)

BRONZE METAL KNOBS AND ESCUTCHEONS.

For Mortise Front Door Locks.



No. 1408.



No. 1418.

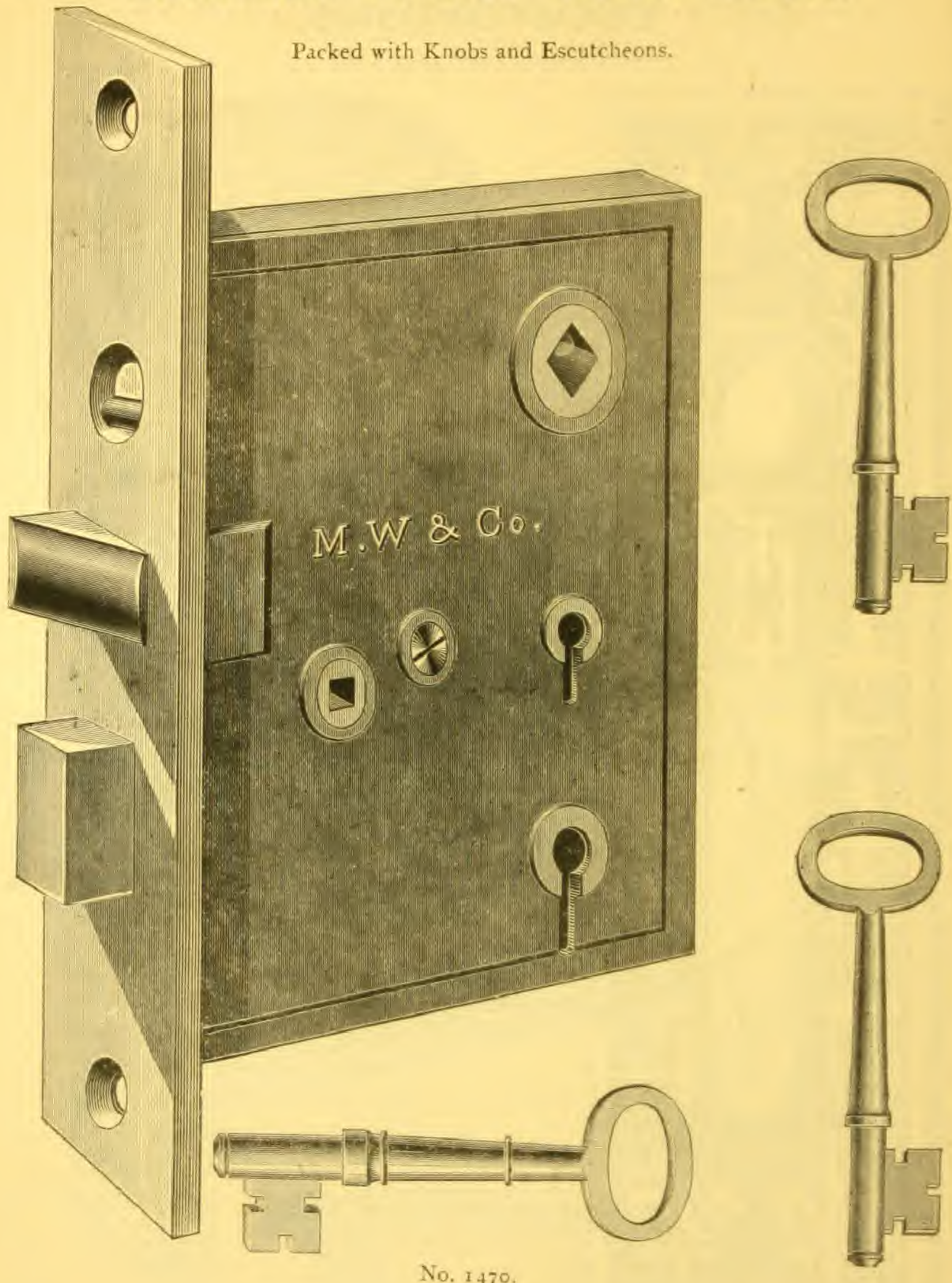
No. 1468. Ornamental Bronze Metal Front and Striker, Mortise Front Door Lock, with two plated night keys, packed with No. 1418 Bronze Metal Knob and No. 1408 Bronze Escutcheons, complete, \$1 30

No. 1469. Ornamental Bronze Metal Front and Striker, Mortise Vestibule Latch, with two plated night keys to pass front door lock No. 1468, packed with No. 1418 Bronze Metal Knobs and No. 1488 Bronze Metal Escutcheons, complete, \$1 05

Front Door Set sold separate if so desired.

MORTISE FRONT DOOR LOCK.

Packed with Knobs and Escutcheons.

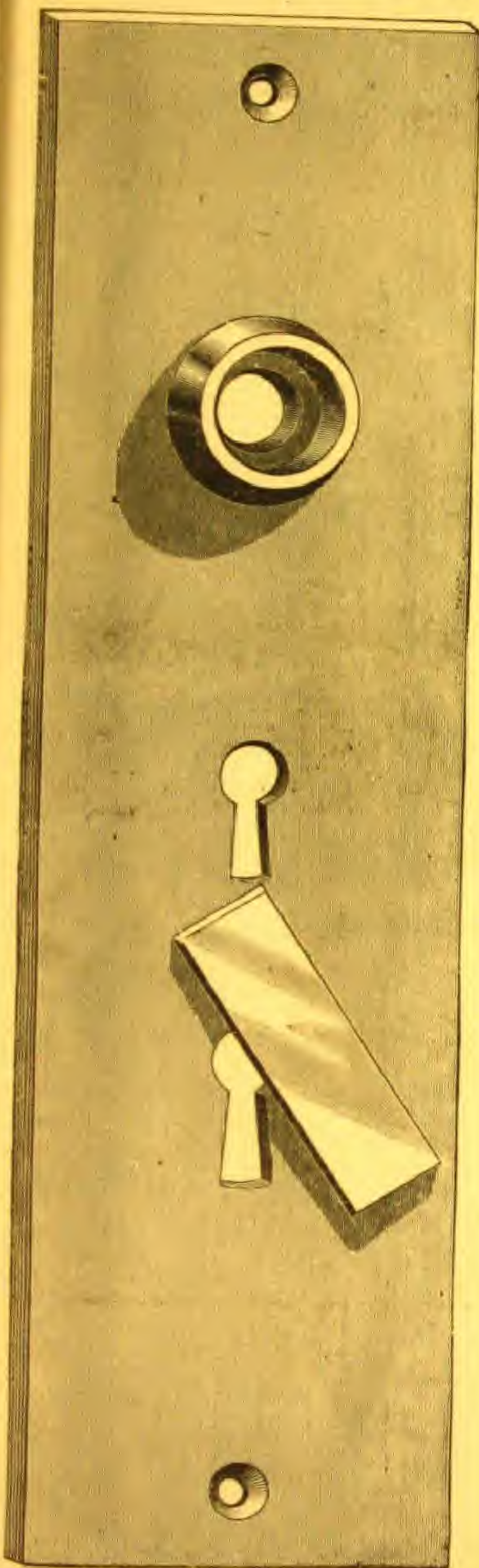


No. 1470.

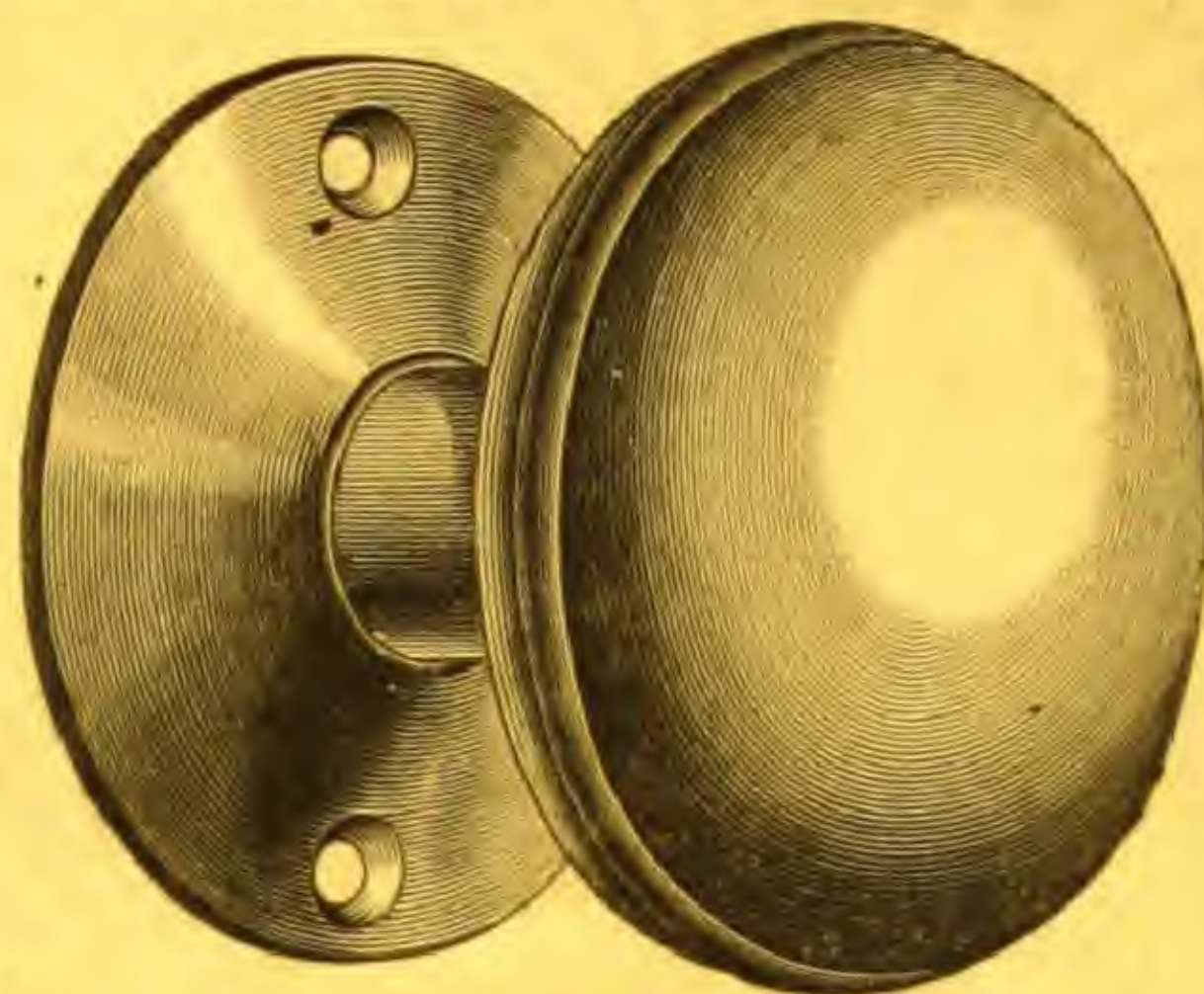
Full size cut of Mortise Front Door Lock No. 1470, to match Vestibule Latch No. 1473.
(For description see page 59.)

BRONZE METAL KNOBS AND ESCUTCHEONS.

For Mortise Front Door Locks.



No. 1472.

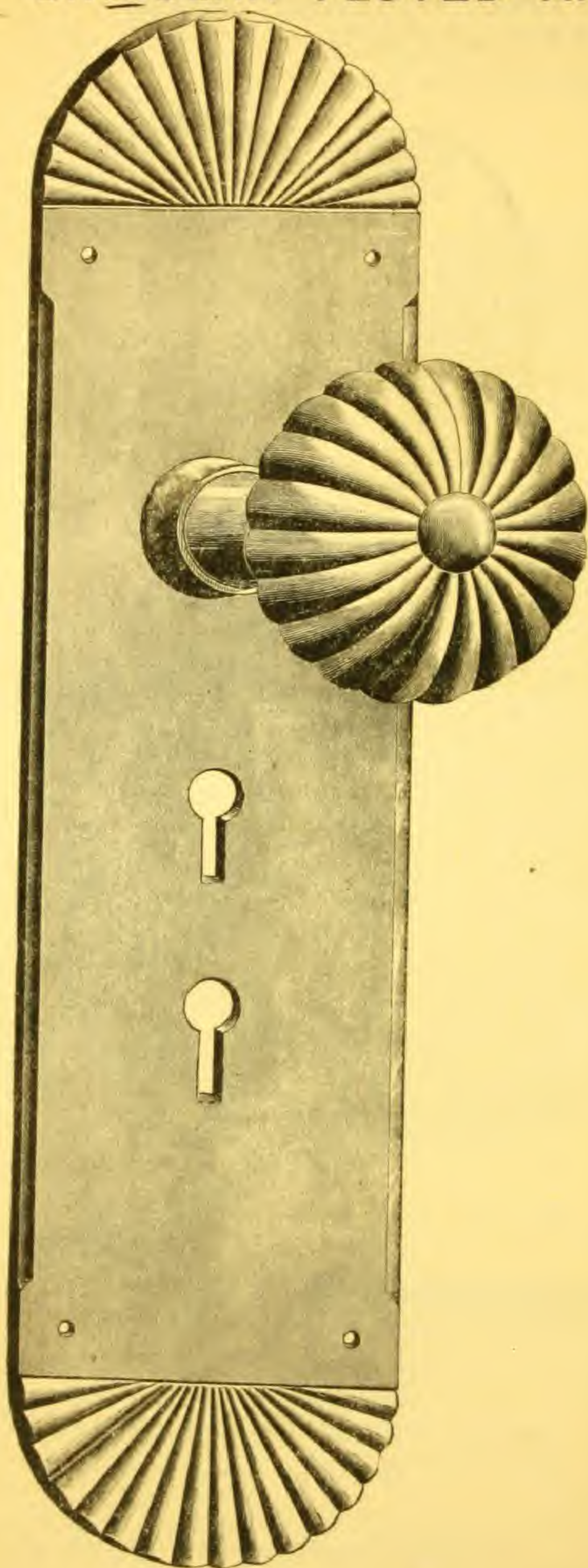


No. 1471.

No. 1470. Plain Bronze Metal Front and Striker, Mortise Front Door Lock with 2 plated night keys packed with 1471 Bronze Metal Knobs and 1472 Bronze Metal Escutcheons, complete, . . . \$1 30

No. 1473. Plain Bronze Metal Front and Striker, Mortise Vestibule Latch with 2 plated night keys, to pass Front Door Lock No. 1470, packed with No. 1471 Bronze Metal knobs and No. 1472 Bronze Metal Escutcheons, complete, . . . \$1 05

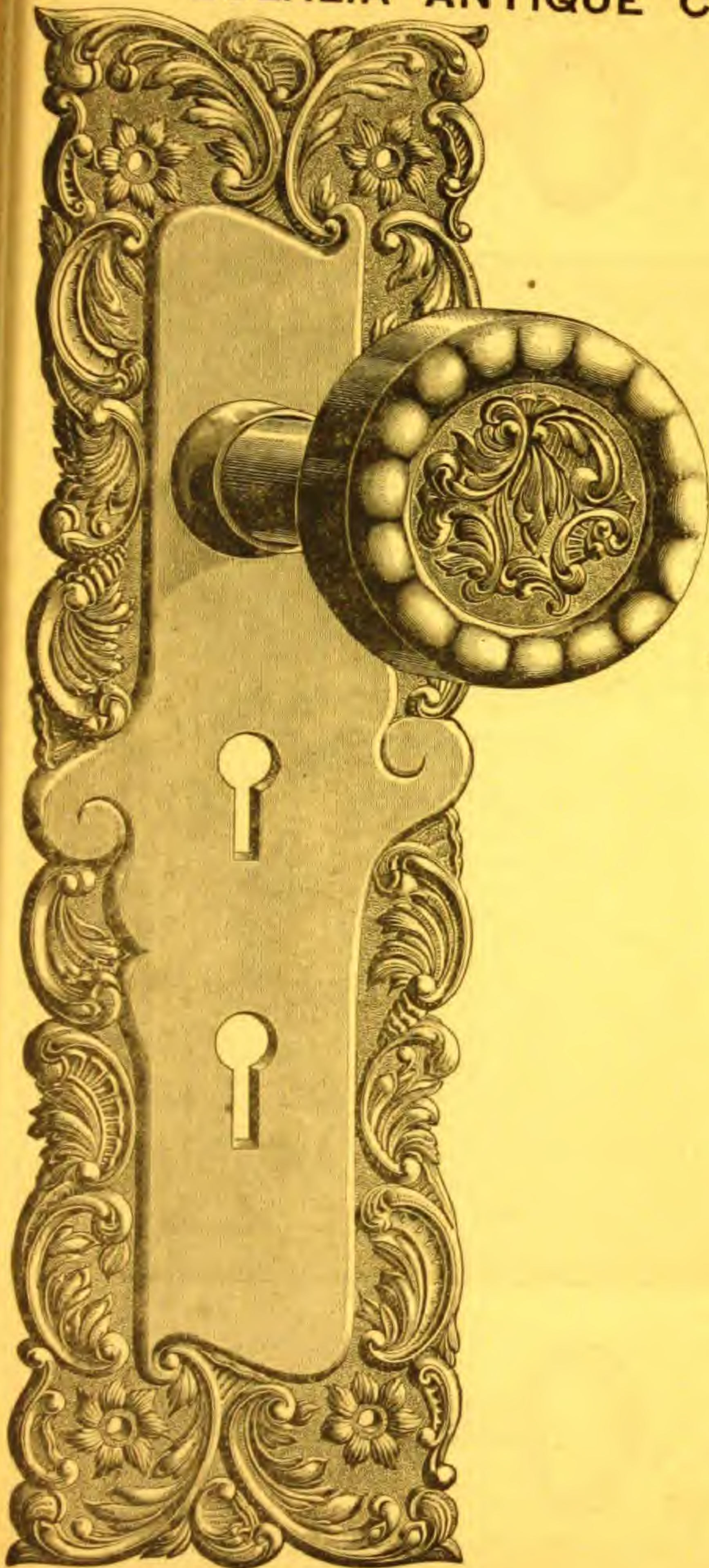
Front Door Set sold separately if so desired.

CIRCULAR FLUTED ANTIQUE COPPER.

No. 0561. Front Door Set consisting of Lock 1470, Escutcheon 0740 and one pair Knobs 3480,
Set, \$2 00

See Lock Page 58.

EULALIA ANTIQUE COPPER.



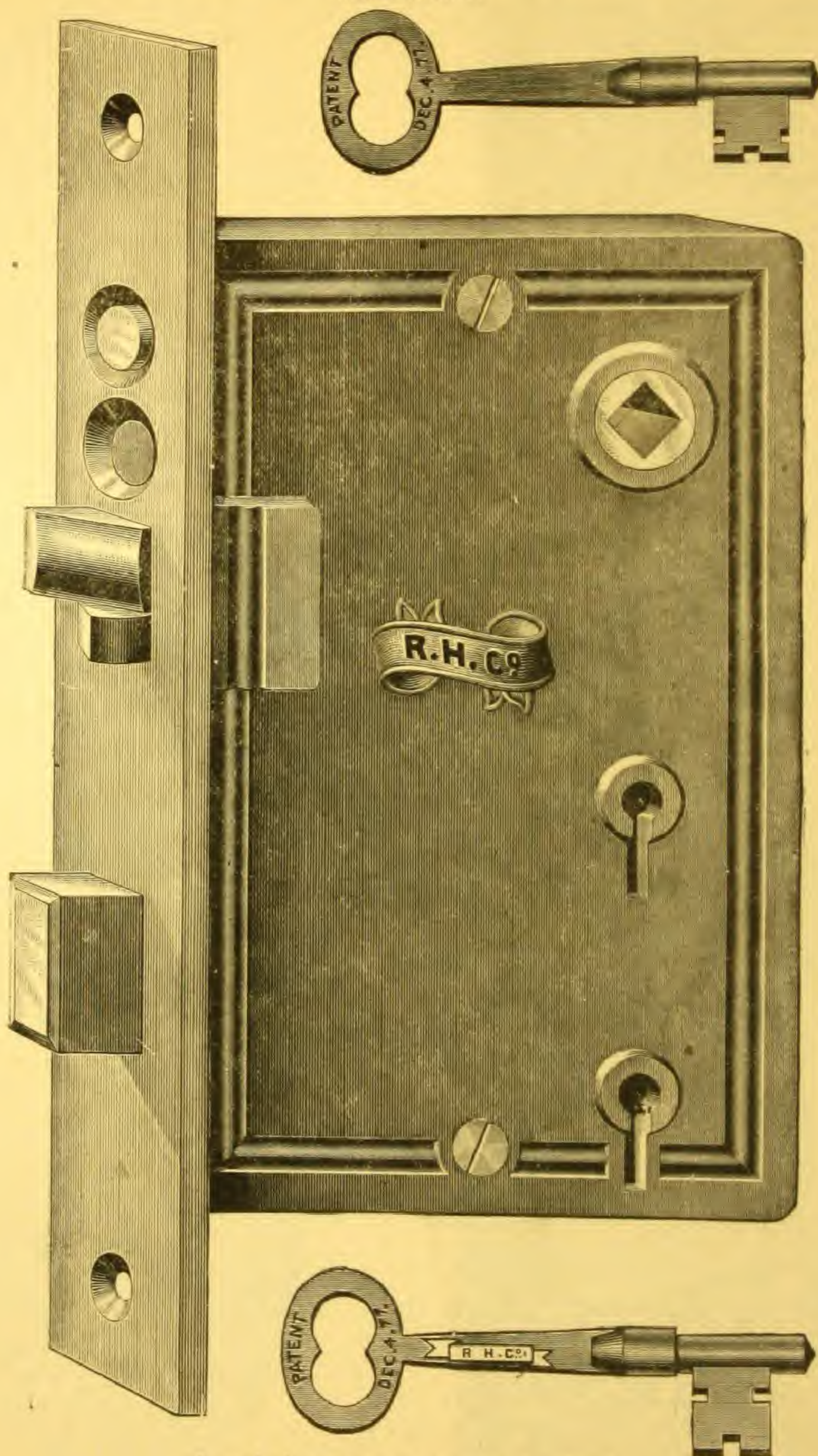
No. 0551. Front Door Set,
consisting of Lock 1470,
Escutcheon 7651, 1 pair
Knobs 0951.

Set, \$2 00.

See Lock Page 58.

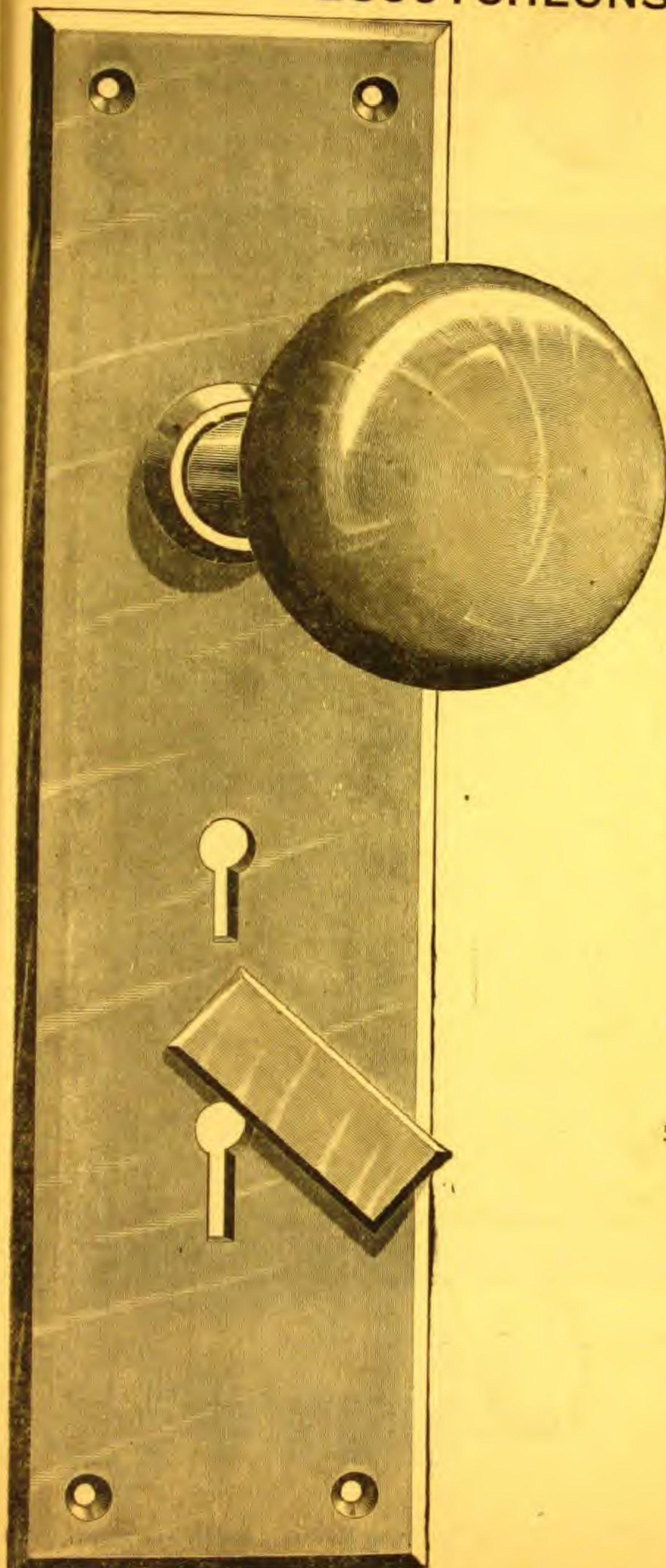
MORTISE FRONT DOOR LOCK.

Plain Bronze.



In ordering state which hand is wanted.
 $5\frac{1}{4} \times 3\frac{1}{2}$. 5-16 inch Swivel Spindle.
 Front Door Lock, No. 1572, to match Vestibule Latch, No. 1573.
 (For description see page 63.)

BRONZE METAL KNOBS AND ESCUTCHEONS.



No. 1415.

No. 1572. Plain Bronze Metal Front and Striker Mortise Front Door Lock with 2 plated night keys packed with No. 0775 Bronze Metal Knobs and No. 1415 Bronze Metal Escutcheon.

Complete, \$3 00.

No. 1573. Plain Bronze Metal Front and Striker Mortise Vestibule Latch with 2 plated night keys to pass Front Door Lock No. 1572 packed with No. 0775 Bronze Metal Knobs and No. 1415 Bronze Metal Escutcheon.

Complete, \$2 25.

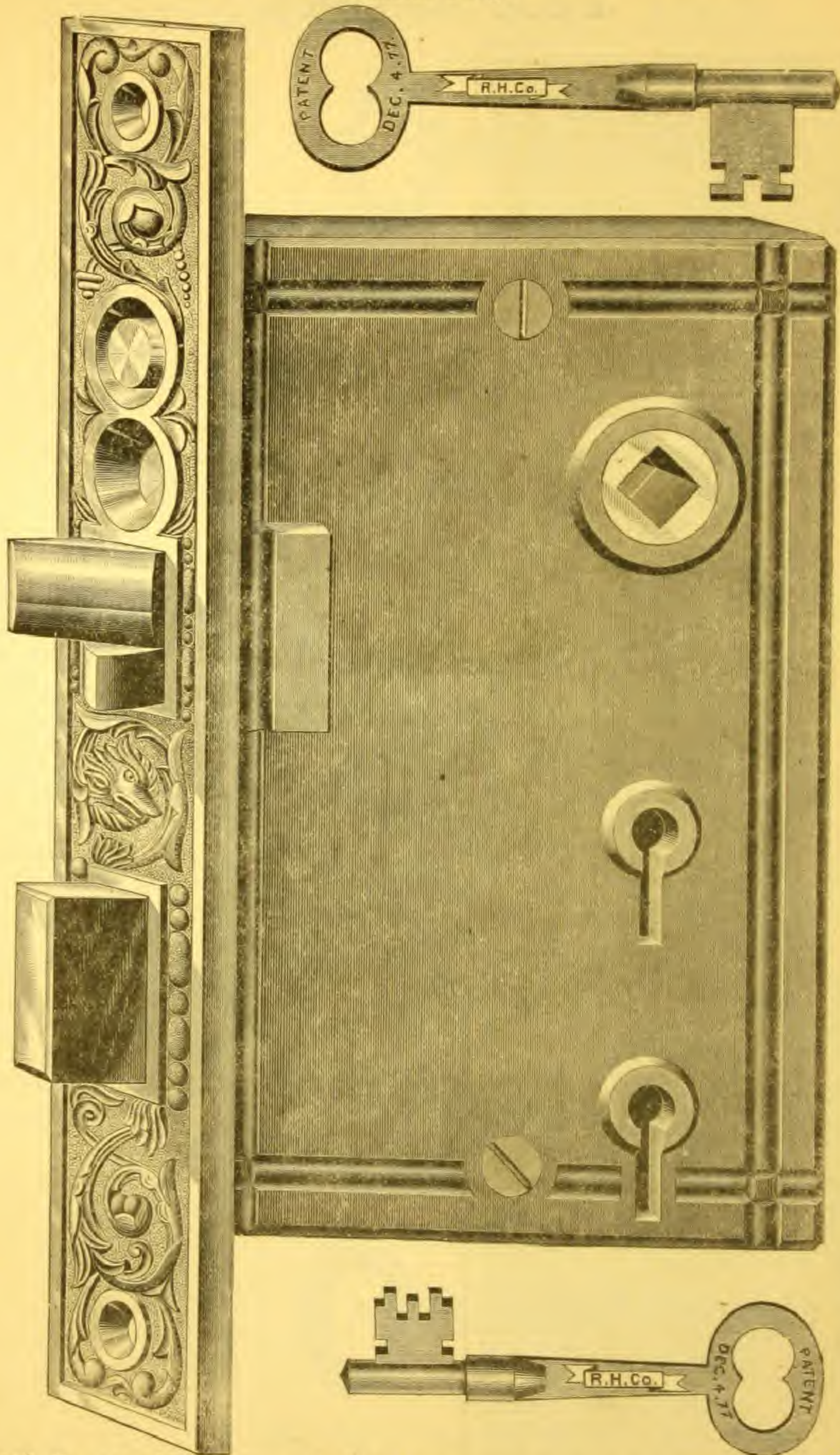
BELL PULL.

586. Plain Bronze to Match No. 1415 Escutcheon and 0775 Knob.

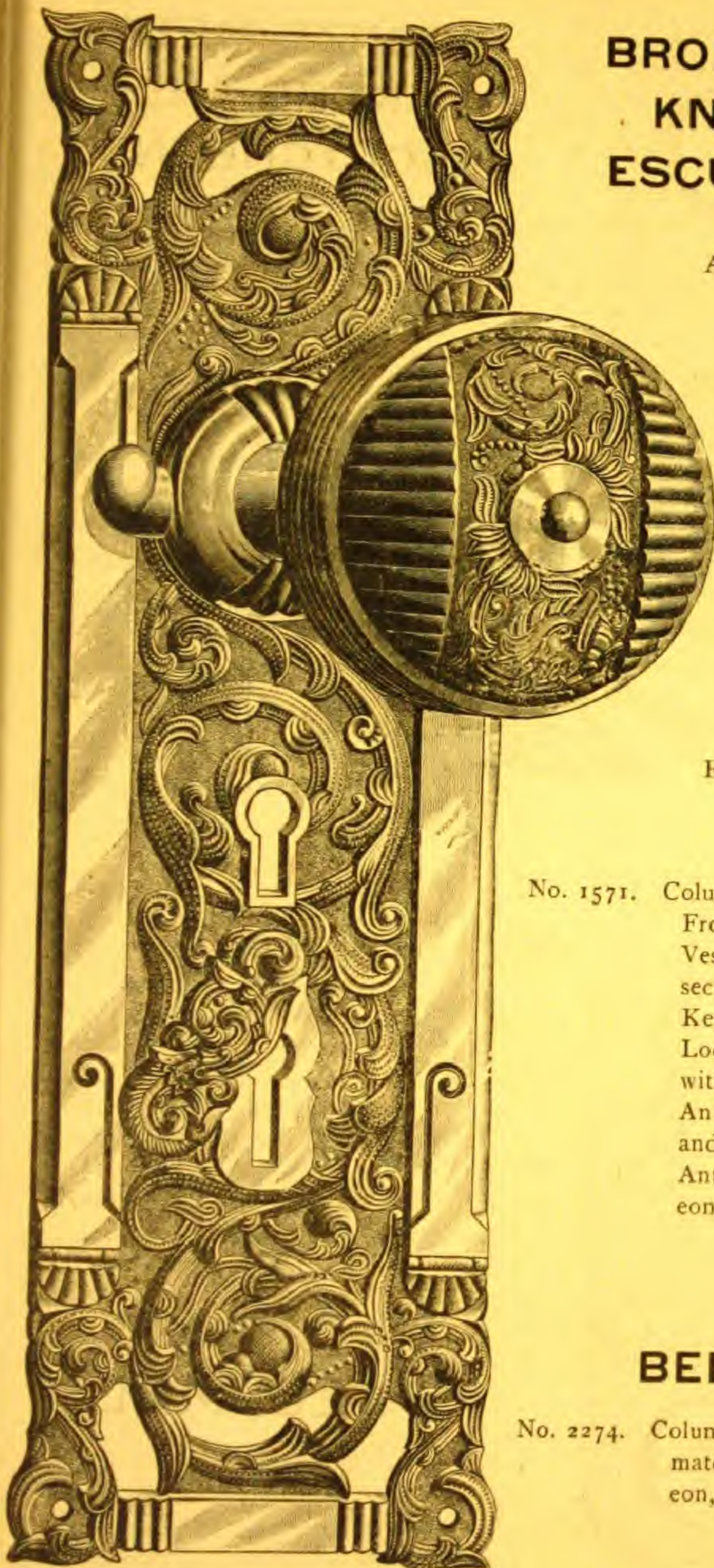
Each \$0 75.

MORTISE FRONT DOOR LOCK.

Columbian Design.



5 $\frac{3}{4}$ x3 $\frac{3}{4}$. No. 1570 Mortise Front Door Lock to match Vestibule Latch No. 1571. With Patent Anti-Friction Latch. 3-8 inch Swivel Spindle. In ordering state which hand is wanted. (For description see page 65.)



BRONZE METAL KNOBS AND ESCUTCHEONS.

Antique Copper.

No. 1570. Columbian
Antique Copper
Front and Striker,
Mortise Front Door
Lock, with three
secure Tumblers,
packed with No.
1790 Columbian
Antique Copper
Knobs and No.
1414 Columbian
Antique Copper
Escutcheon, complete, . \$5 00

No. 1571. Columbian Antique Copper
Front and Striker, Mortise
Vestibule Latch, with three
secure Tumblers, Night
Keys to Pass Front Door
Lock No. 1570, packed
with No. 1790, Columbian
Antique Copper Knobs
and No. 1414 Columbian
Antique Copper Escutch-
eon, complete, 4 00

BELL PULL.

No. 2274. Columbian Pattern, to
match No. 1414 Escutch-
eon, each, 60

BRONZE METAL KNOBS AND ESCUTCHEONS.

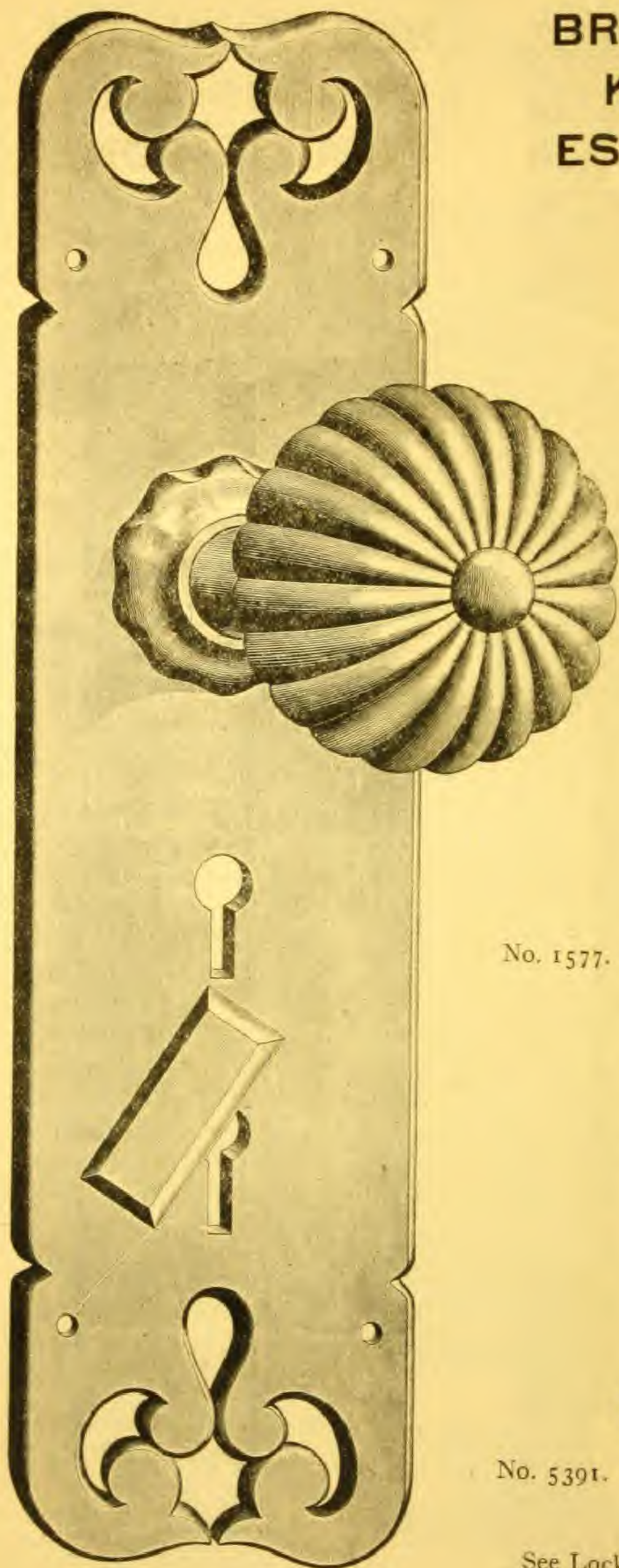
COLONIAL.

No. 1576. Plain Bronze Metal Front and Striker, Mortise Front Door Lock, with three secure Tumblers, packed with No. 1786 Bronze Metal Knobs and No. 1787 Bronze Metal Escutcheon, complete, . \$4 50

No. 1577. Plain Bronze Metal Front and Striker, Mortise Vestibule Latch, with three secure Tumblers, Night Keys to Pass Front Door Lock No. 1576, packed with No. 1786 Bronze Metal Knobs and No. 1787 Bronze Metal Escutcheon, complete, 3 50

BELL PULL.

No. 5391. Colonial Pattern, to match No. 1787 Escutcheon, . . . each, 1 00
See Lock, page 68.



BRONZE METAL KNOB AND ESCUTCHEONS.

Ribbon.

- No. 1574. Ornamental Bronze Metal Front and Striker, Mortise Front Door Lock, with two Plated Night Keys, and packed with No. 1375 Bronze Metal Knobs and No. 1780 Bronze Metal Escutcheons, complete, \$4 50
Antique Copper Finish, 5 00

- No. 1575. Ornamental Bronze Metal Front and Striker, Mortise Vestibule Latch, with two Plated Night Keys to Pass Front Door Lock No. 1574, packed with No. 1375 Bronze Metal Door Knob and No. 1780 Bronze Metal Escutcheons, complete, 3 50
Antique Copper Finish, . . 4 00

BELL PULL.

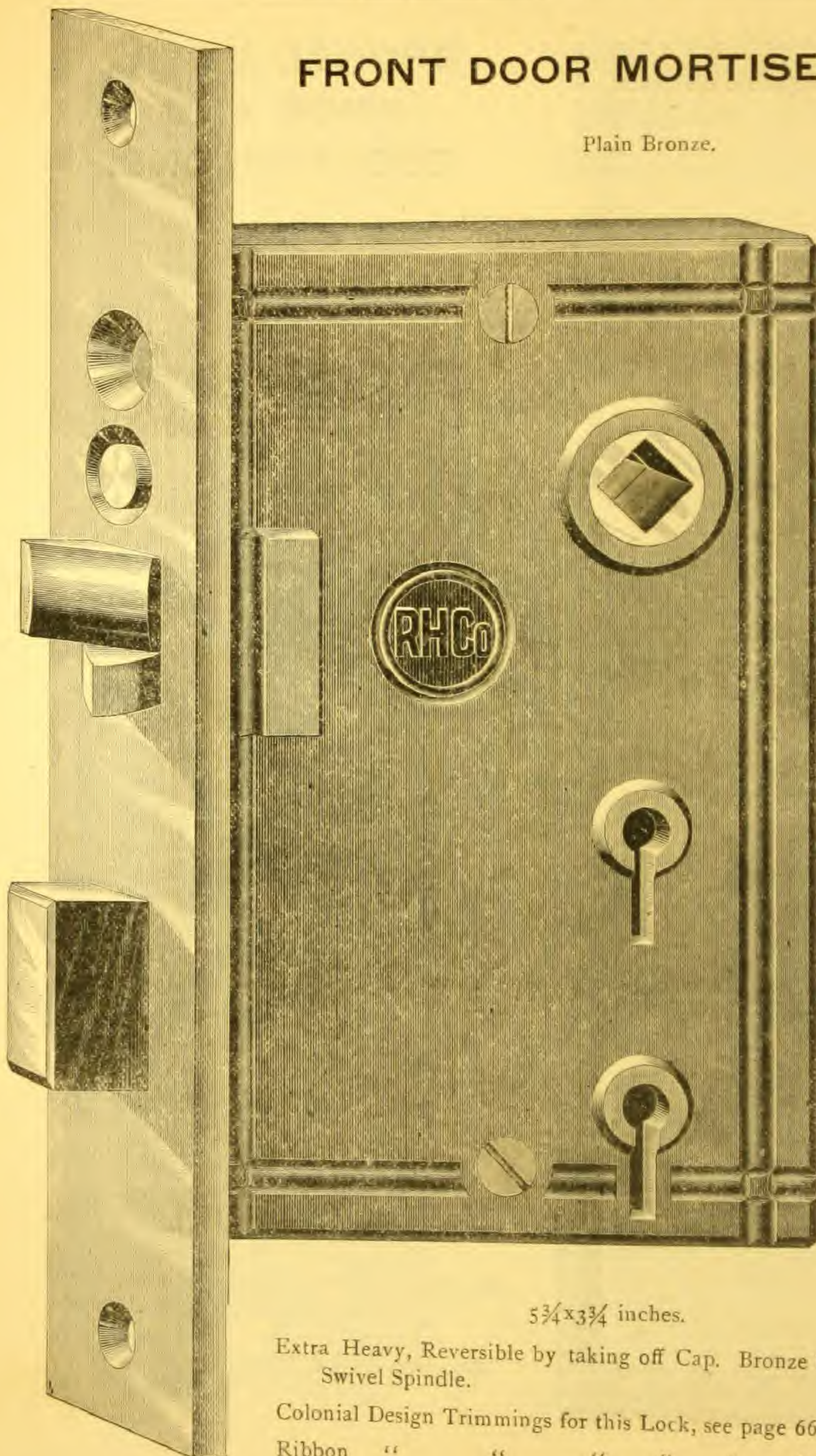
- No. 2273. Ribbon Pattern, to match No. 1780 Escutcheons, . .
each, 75

See Lock, page 68.



FRONT DOOR MORTISE LOCKS.

Plain Bronze.



Two Night Keys

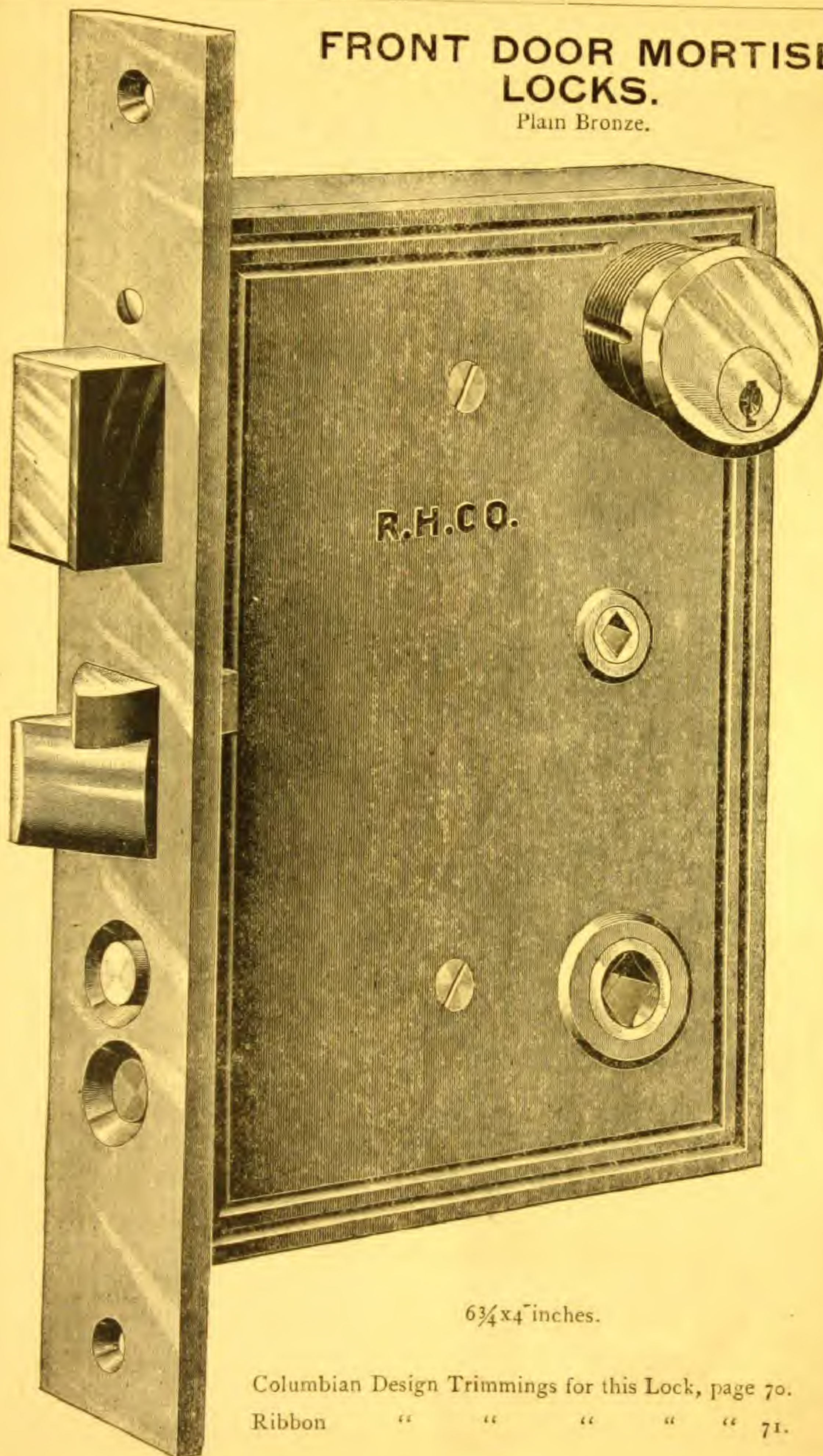
5 $\frac{3}{4}$ x3 $\frac{3}{4}$ inches.Extra Heavy, Reversible by taking off Cap. Bronze Hub, for $\frac{3}{8}$ inch Swivel Spindle.

Colonial Design Trimmings for this Lock, see page 66.

Ribbon " " " " " 67.

FRONT DOOR MORTISE LOCKS.

Plain Bronze.



6¾x4 inches.

Columbian Design Trimmings for this Lock, page 70.

Ribbon " " " " " 71.

ANTIQUE KNOBS AND ESCUTCHEONS.

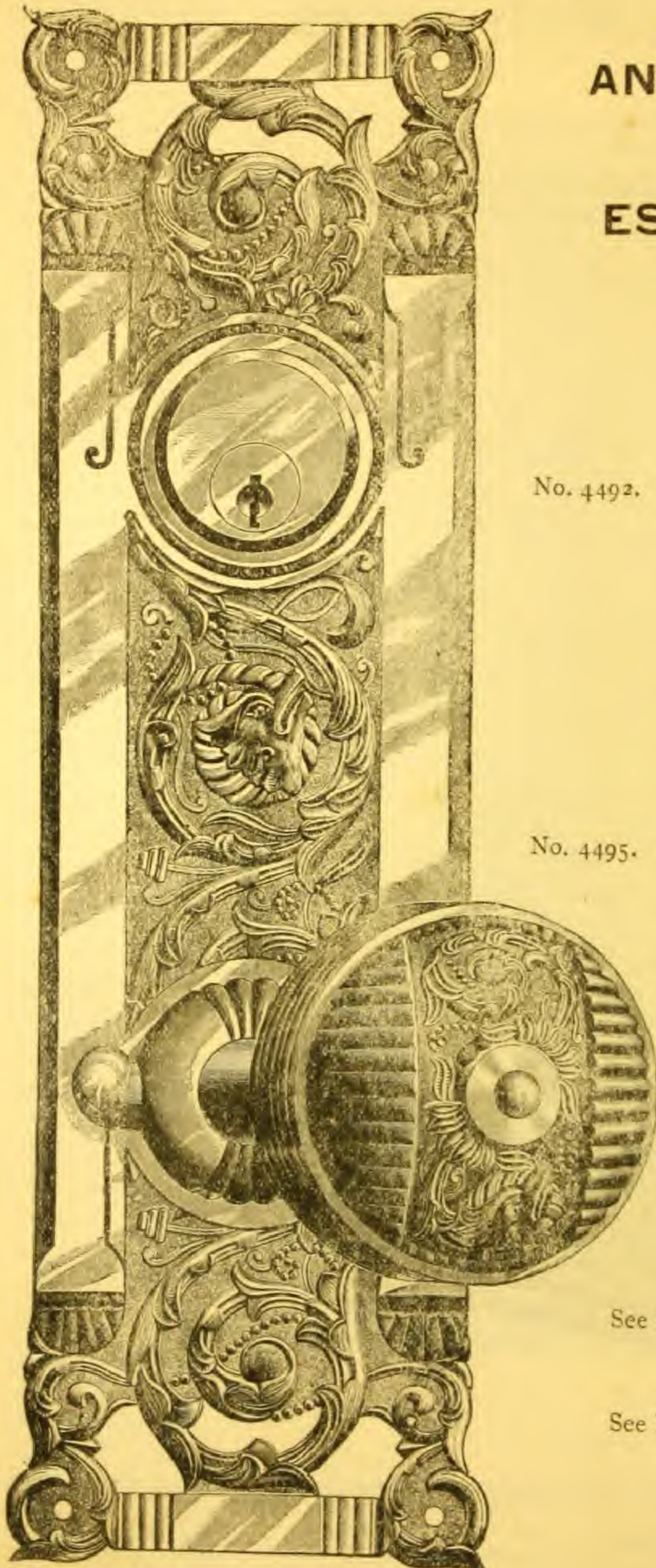
Columbian.

No. 4492. Antique Copper Front and Striker, Mortise Front Door Lock, with three German Silver Keys, with one pair Knobs and Escutcheon, complete, \$6 75

No. 4495. Antique Copper Front and Striker, Mortise Vestibule Latch, with three German Silver Keys, with one pair Knobs and Escutcheon, complete, 5 75

See Front Door Lock, page 69.

See Bell Pull to match, page 65.



BRONZE METAL KNOBS AND ESCUTCHEONS.

Ribbon.

- No. 3492. Bronze Metal Front and Striker, Mortise Front Door Lock, with three German Silver Keys, one pair Knobs and Escutcheon, complete, \$7 50
Antique Copper Finish, . . 8 00

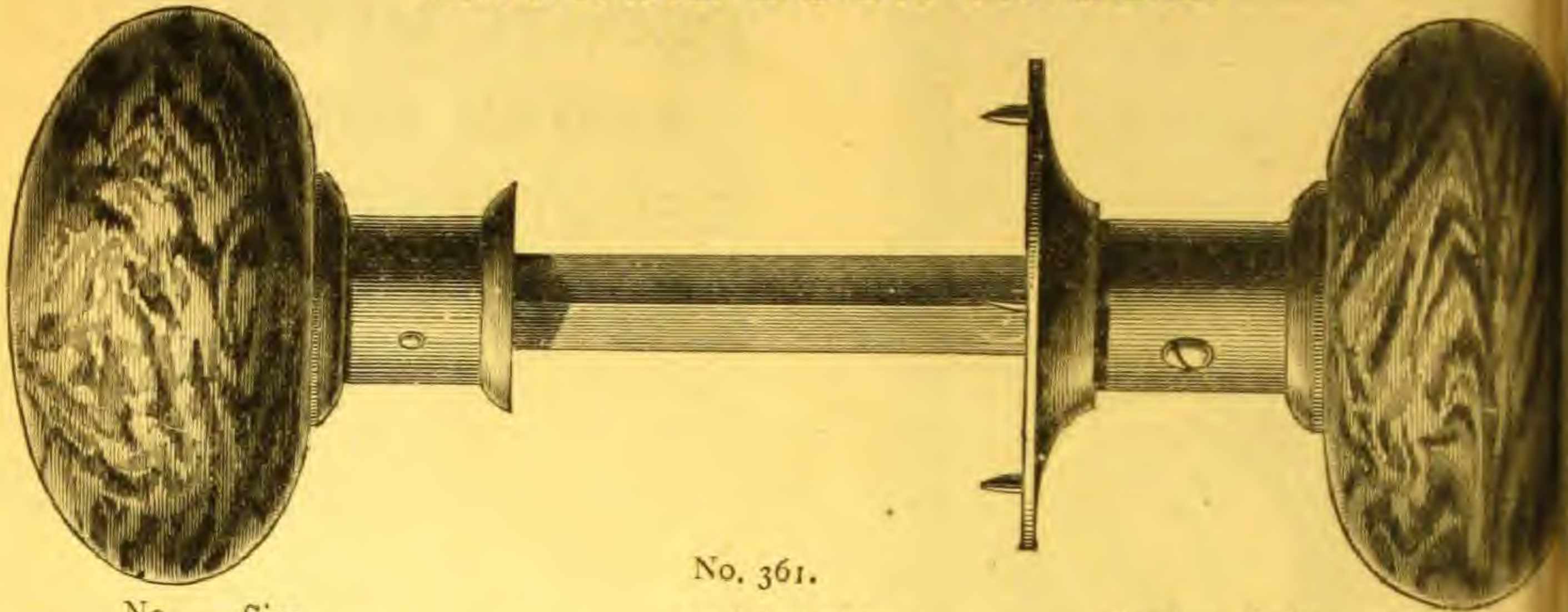
- No. 3495. Bronze Metal Front and Striker, Mortise Vestibule Latch, with three German Silver Keys, one pair Knobs and Escutcheon, complete, 6 00
Antique Copper Finish, . . 6 50

See Front Door Lock, page 69.

See Bell Pull to match, page 67.



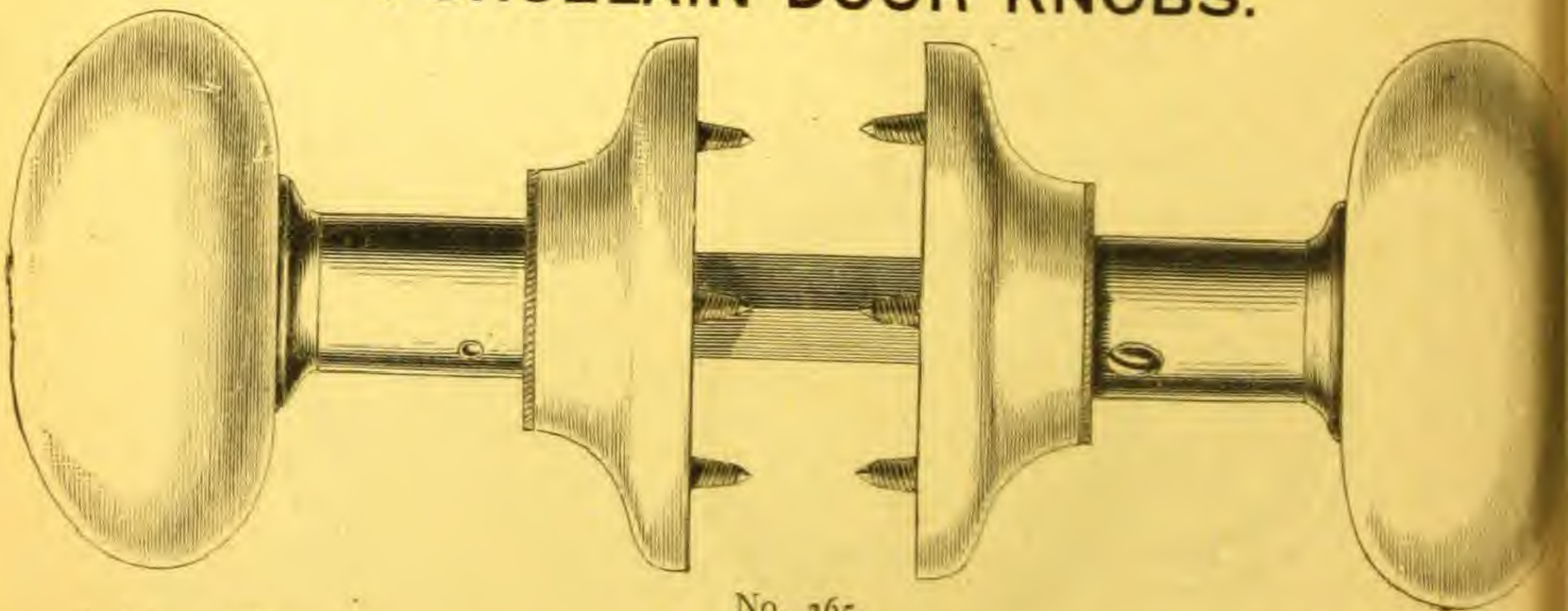
MINERAL DOOR KNOBS.



No. 361.

No.	Size.	5-16 SPINDLES.	Per doz. Pairs.	Per Pair.
360.	2 1/4 inch Mineral Door Knobs, Japanned Shank and Roses, for Mortise Locks,		\$0 70	\$0 10
361.	2 1/4 inch Mineral Door Knobs, Japanned Shank and Rose, for Rim Locks,		70	10

PORCELAIN DOOR KNOBS.



No. 365.

No.	Size.	5-16 SPINDLE.	Per doz. Pairs.	Per Pair.
365.	2 1/4 inch Porcelain Door Knobs, Plated Shank and Porcelain Roses, for Mortise Locks,		\$2 25	\$0 25
366.	2 1/4 inch Porcelain Door Knobs, Plated Shank and Porcelain Rose, for Rim Locks,		2 25	25
369.	2 1/4 inch Porcelain Door Knobs, Japanned Shank and Roses, for Mortise Locks,		82	12
370.	2 1/4 inch Porcelain Door Knobs, Japanned Shank and Rose, for Rim Locks,		82	12

No. Size.
374. 2 1/4 inch
373. 2 1/4 inch
371. 2 1/4 inch
371. 2 1/4 inch

ORNAM

No. Size.
379. 2 1/4 inch

EBONY DOOR KNOBS.



No. 374.

No.	Size.	5-16 SPINDLES.	Per doz. pairs.	Per pair.
374.	2 1/4 inch,	Ebony Door Knobs, with Ornamental Solid Bronze Rose,	\$2 00	\$0 20
373.	2 1/4 inch,	Ebony Door Knobs, with Plain Solid Bronze Rose,	2 35	25
371.	2 1/4 inch,	Ebony Door Knobs, with Ornamental Bronze, Plated Rose,	1 50	15
1371.	2 1/4 inch,	Ebony Door Knobs, with Plain Bronze Plated Rose,	1 85	18

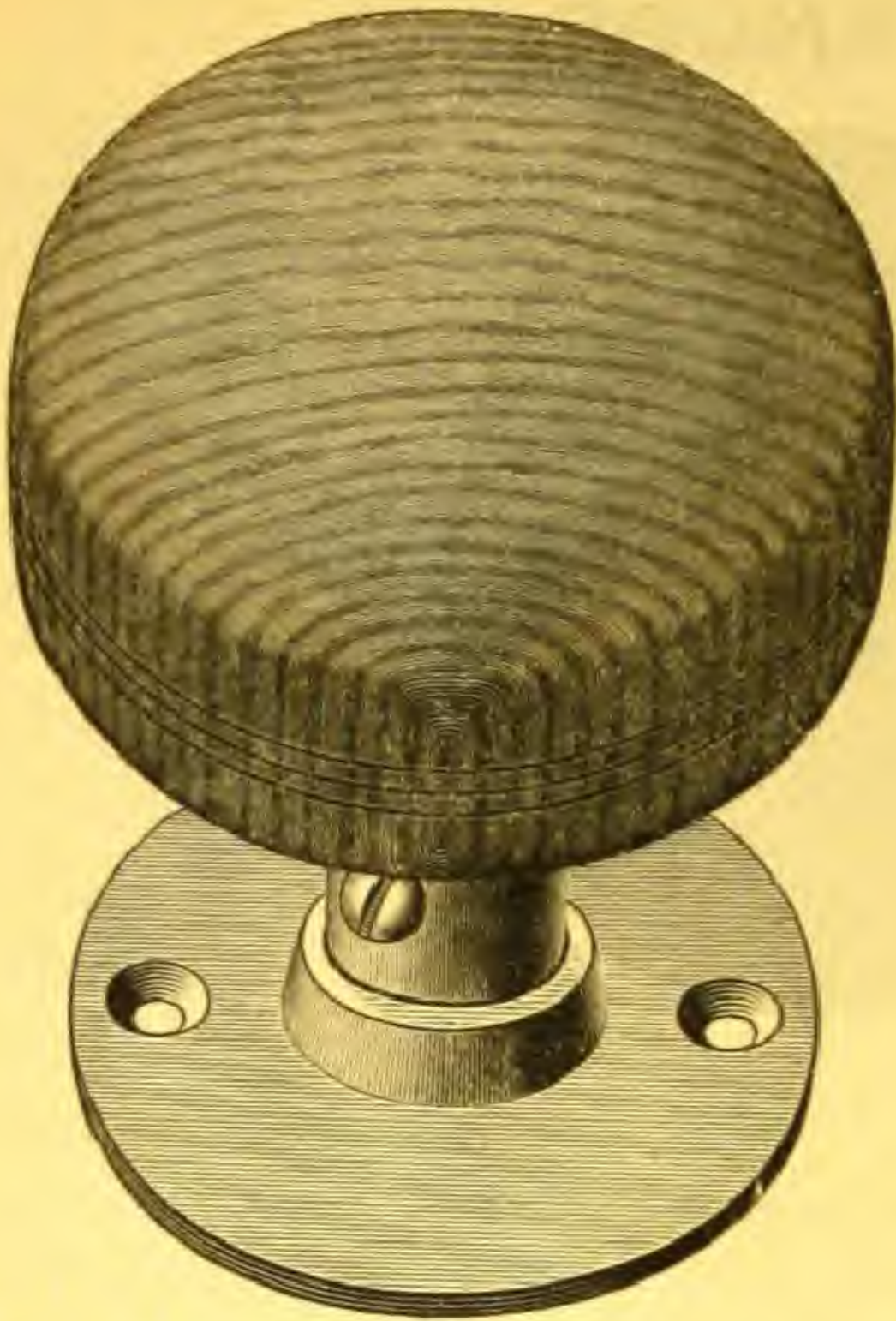
ORNAMENTAL BRONZE PLATED KNOBS.



No. 379.

No.	Size.	5-16 SPINDLES.	Per doz. pairs.	Per pair.
379.	2 1/4 inch,	Ornamental Bronze Plated Door Knobs,	\$3 45	\$0 35

WOOD DOOR KNOBS.

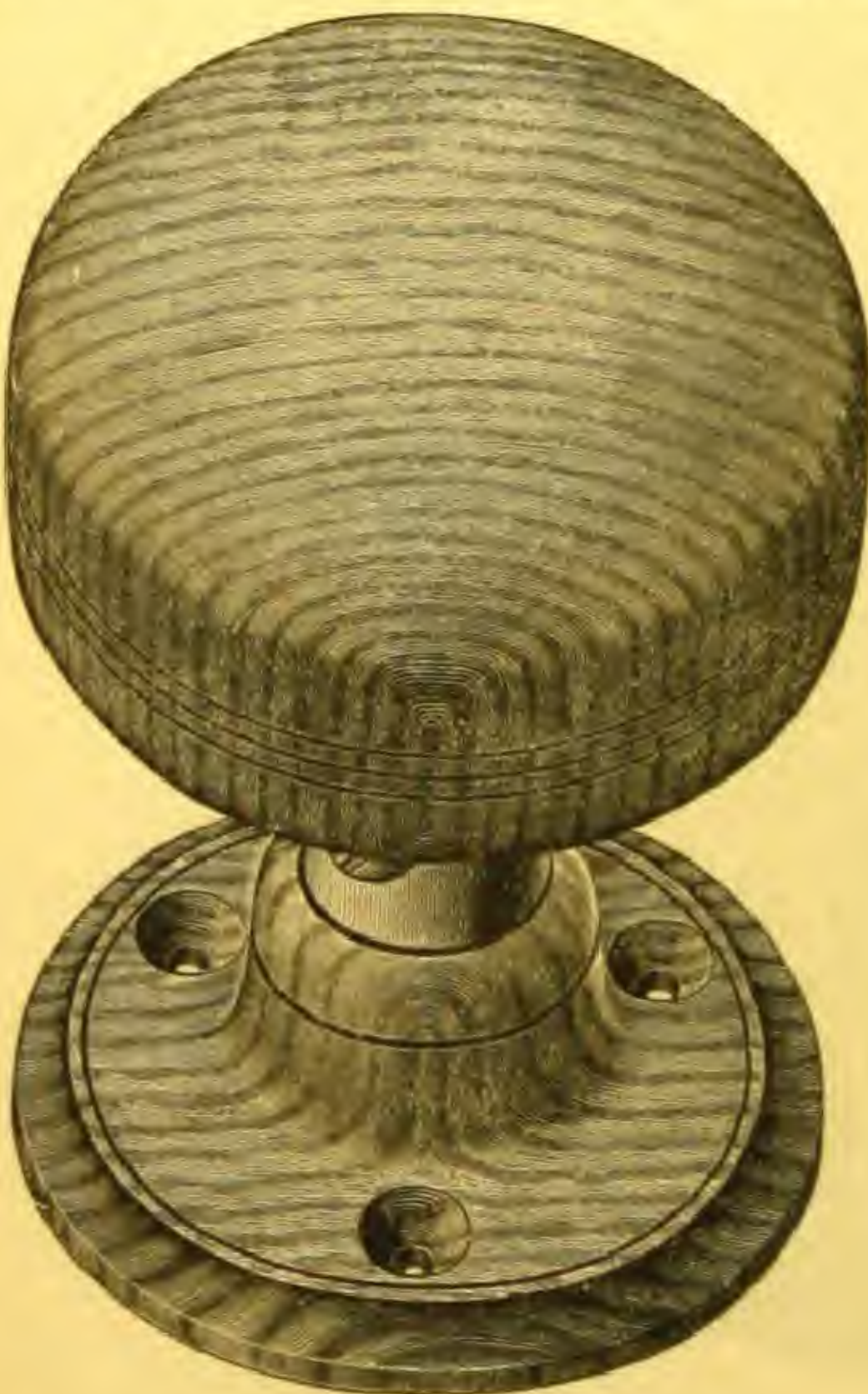


No. 386.



No. 387.

No.	Size.	PLAIN CAST BRONZE METAL ROSE.	Per doz. pairs.	Per pair.
386.	2 1/4 inch,	Wood Door Knobs, with Plain Cast Bronze Metal Rose,	\$2 40	\$0 25
387.		Round Ball Wood Door Knobs, with Plain Cast Bronze Metal Rose,	3 25	30



No. 384.

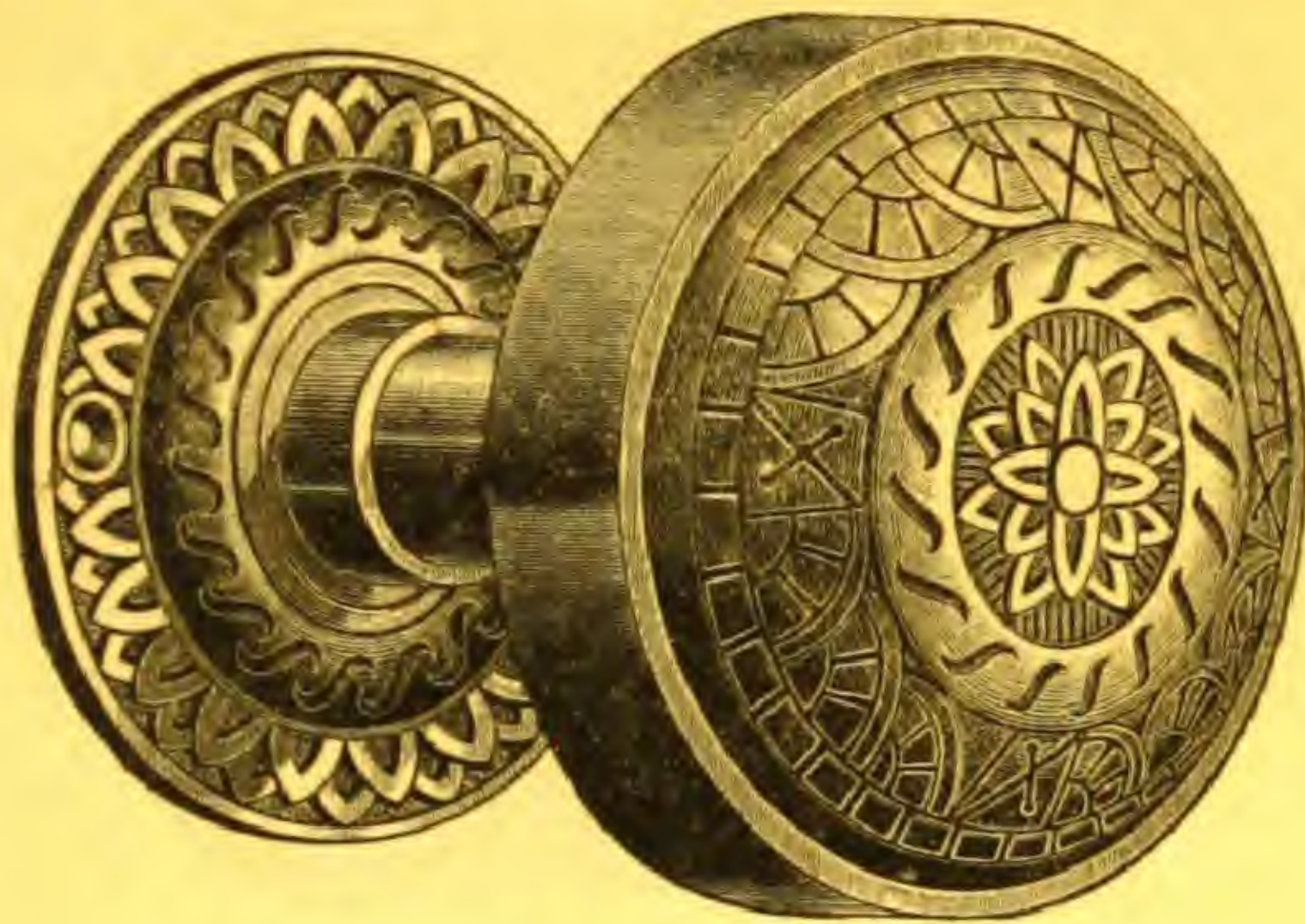


No. 388.

No.	Size.	WOOD ROSE.	Per doz. pairs.	Per pair.
384.	2 1/4 inch,	Wood Door Knobs, with Wood Roses,	\$1 50	\$0 20
388.		Round Ball Wood Door Knobs, with Wood Roses,	2 40	25
Specify kind of wood wanted.				
Apple, Oak, Ash, Cherry. 5-16 Straight Spindle. 2 1/4 inch Knob on each end.				

No. Size
 375. 2 1/4 x
 377.

BRONZE METAL DOOR KNOBS.



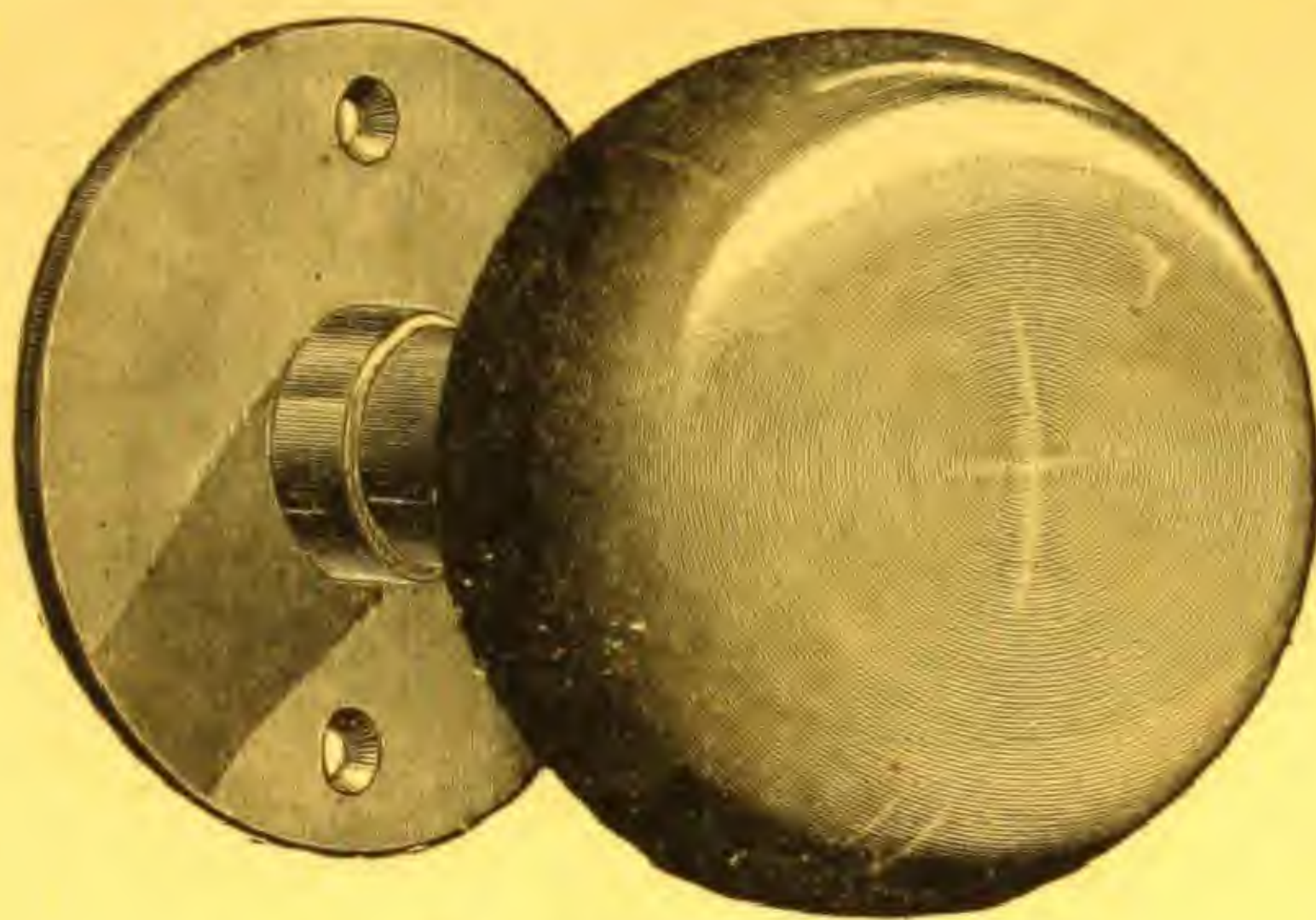
No. 0375.



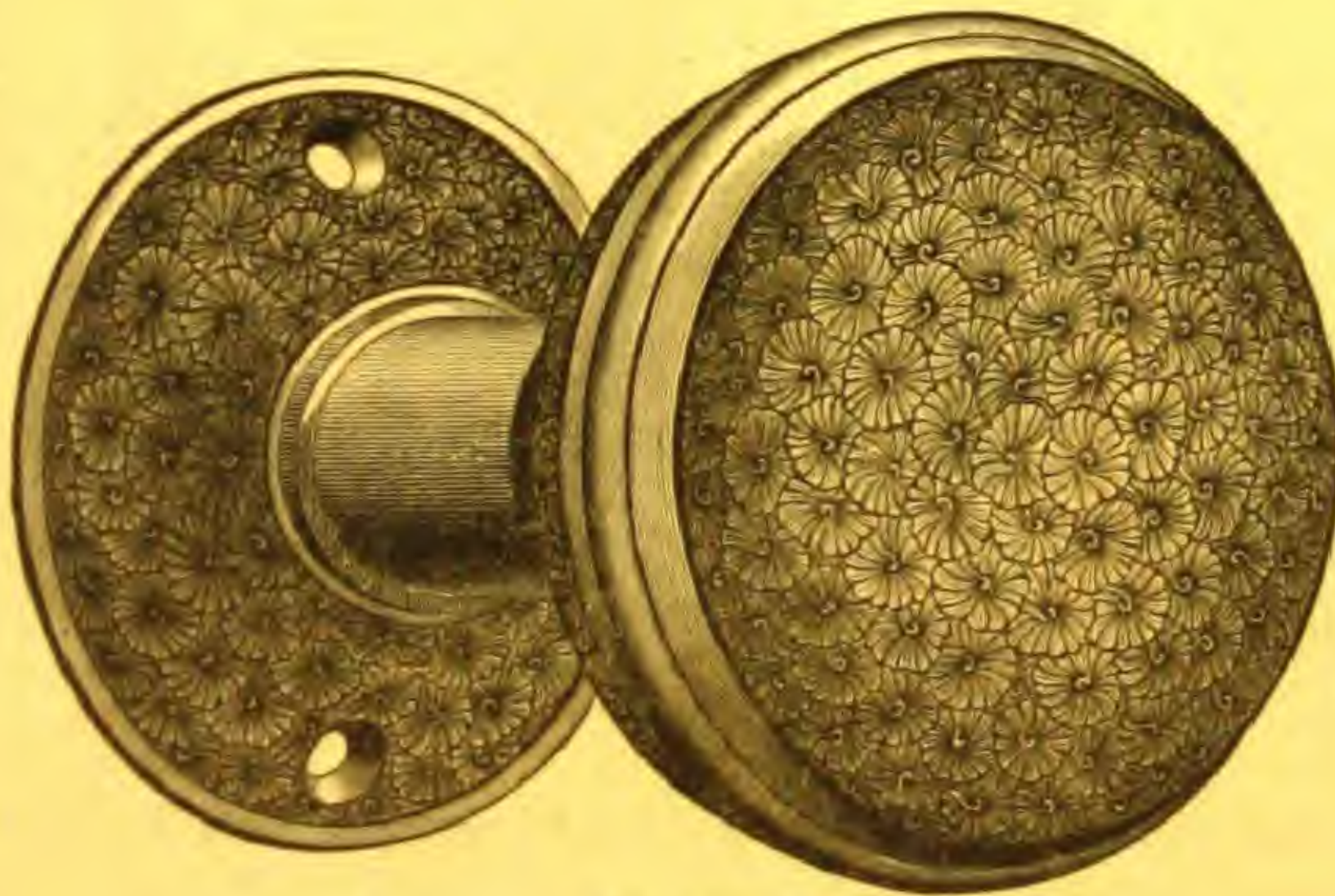
No. 1377.

No.	Size.		Per doz. pairs.	Per pair.
0375.	2¼ x 2¼ inch, Bronze Metal Door Knobs, 5-16 Spindles, .		\$4 50	\$0 45
1377.	" " " " " "		4 50	45

BRONZE METAL DOOR KNOBS.



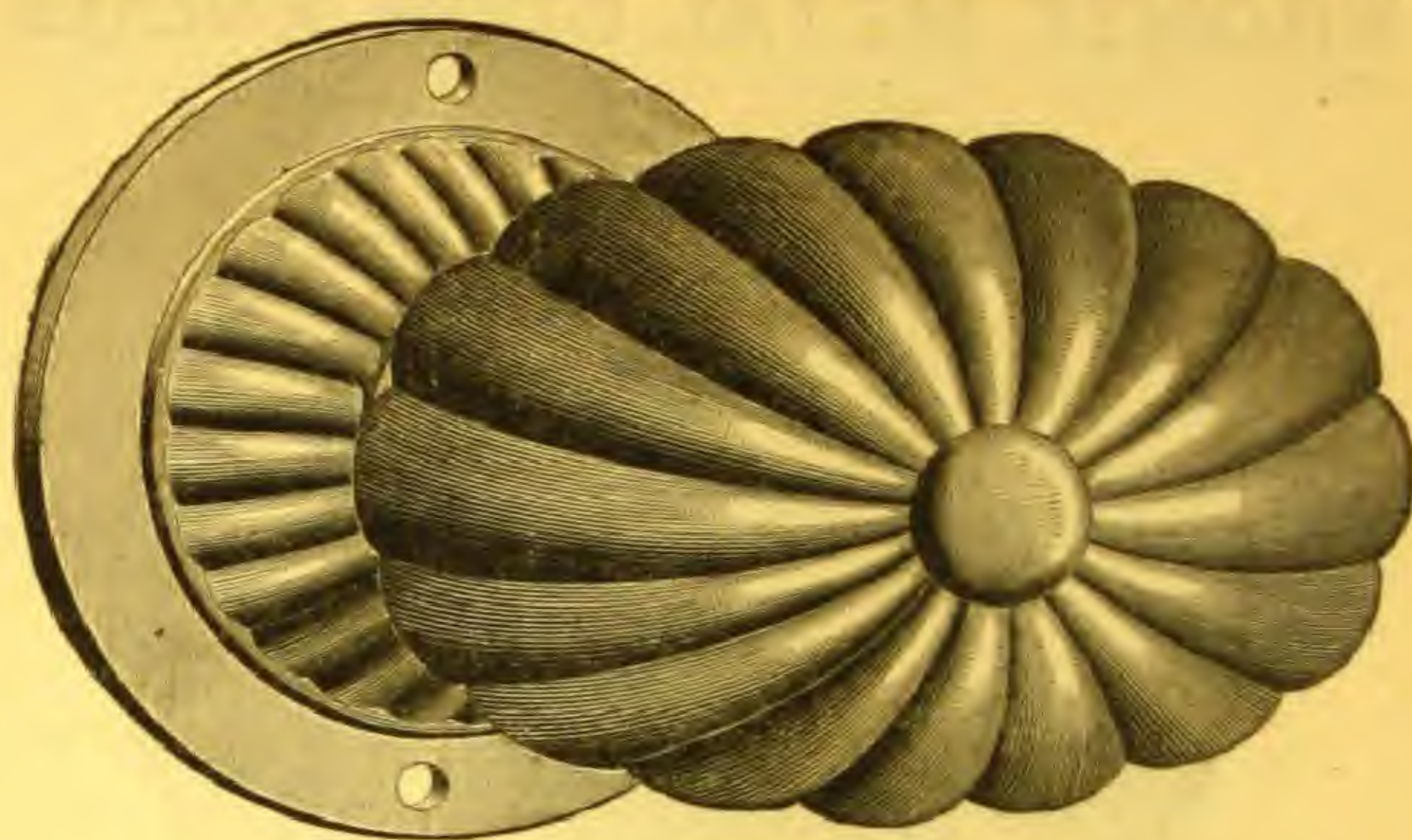
Nos. 1770 and 1771.



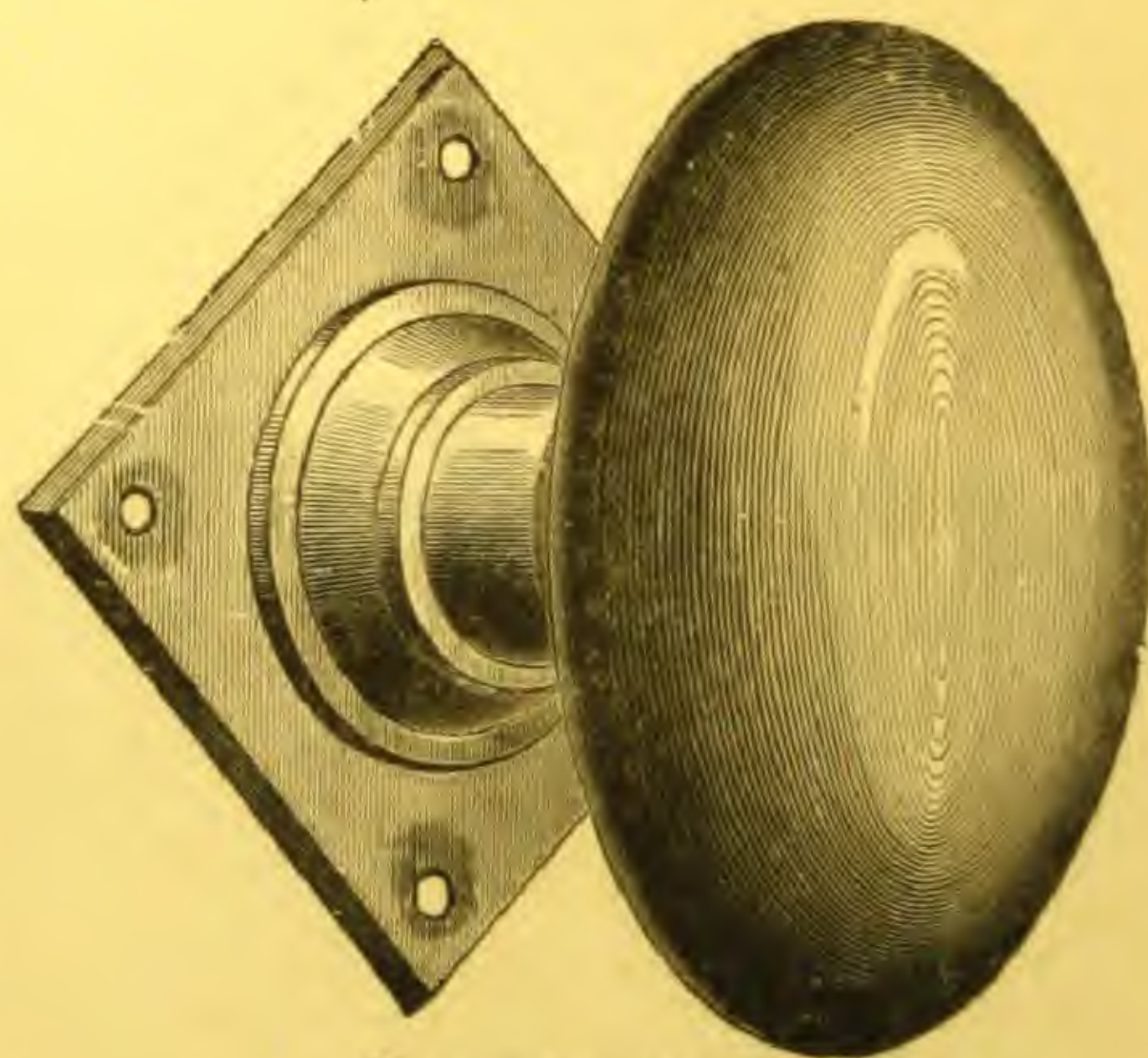
No. 1772.

No.	Size.	Description.	Per pair.
1770.	2¼ x 2¼.	Bronze Metal Door Knobs, 5-16 Spindle,	\$0 75
1771.	2½ x 2¼.	" " " ¾ Swivel Spindle,	1 00
1772.	2¼ x 2¼.	" " " 5-16 Spindle,	75

BRONZE METAL DOOR KNOBS.



Nos. 232 and 233.



Nos. 235 and 236.

No.		Per pair.
232.	Fine Polished Bronze Metal Door Knobs, 5-16 Straight Spindles, suitable for inside door locks,	\$1 75
233.	Fine Polished Bronze Metal Door Knobs, 3/8 Swivel Spindles, suitable for front door locks,	2 00
235.	Fine Polished Bronze Metal Door Knobs, 5-16 Straight Spindles, suitable for inside door locks,	1 00
236.	Fine Polished Bronze Metal Door Knobs, 3/8 Swivel Spindles, suitable for front door locks,	1 25



No. 394.

No.	
394.	Plain
396.	"
1048.	"



No. 1597.

No.	
1597.	Ornament
598.	"
1599.	"
363.	Porcelain
1370.	Wood
1372.	Hemlock

ESCUTCHEONS.



No. 394.



No. 596.



No. 1048.

No.		Per doz.
394.	Plain Bronze Metal Escutcheons,	\$0 30
596.	" " " "	1 00
1048.	" " " "	1 00



No. 1597.



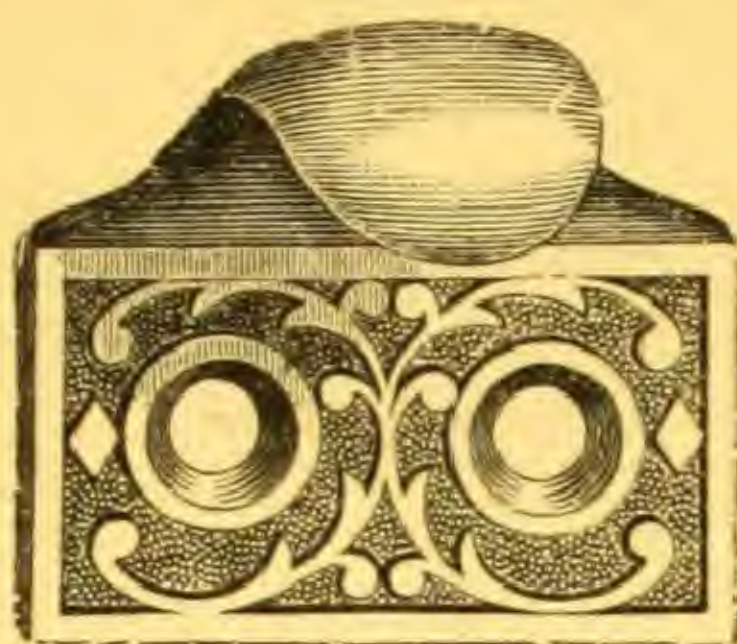
No. 598.



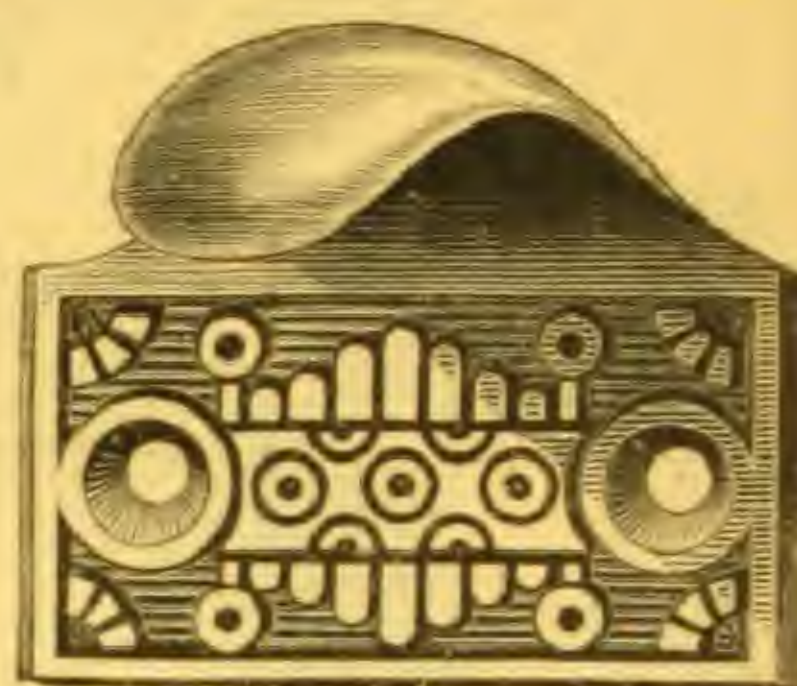
No. 1599.

No.		Per doz.
1597.	Ornamental Cast Bronze Metal Escutcheons,	\$0 60
598.	" " " "	45
1599.	" " " "	1 00
363.	Porcelain Escutcheons,	25
1370.	Wood Escutcheons,	25
1372.	Hemacite Escutcheons,	40

SASH LIFTS.

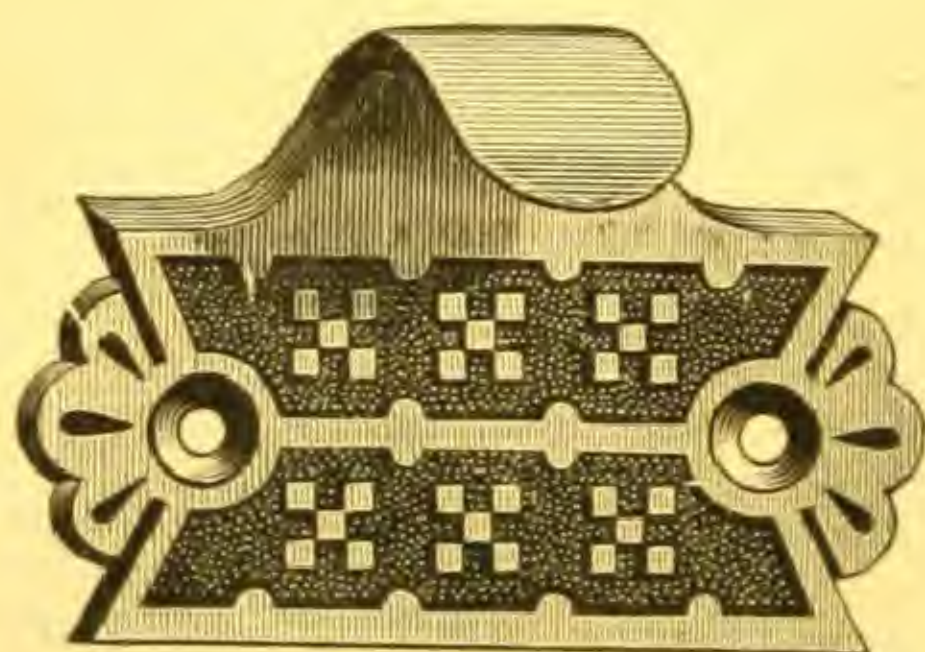


Nos. 420 and 424.

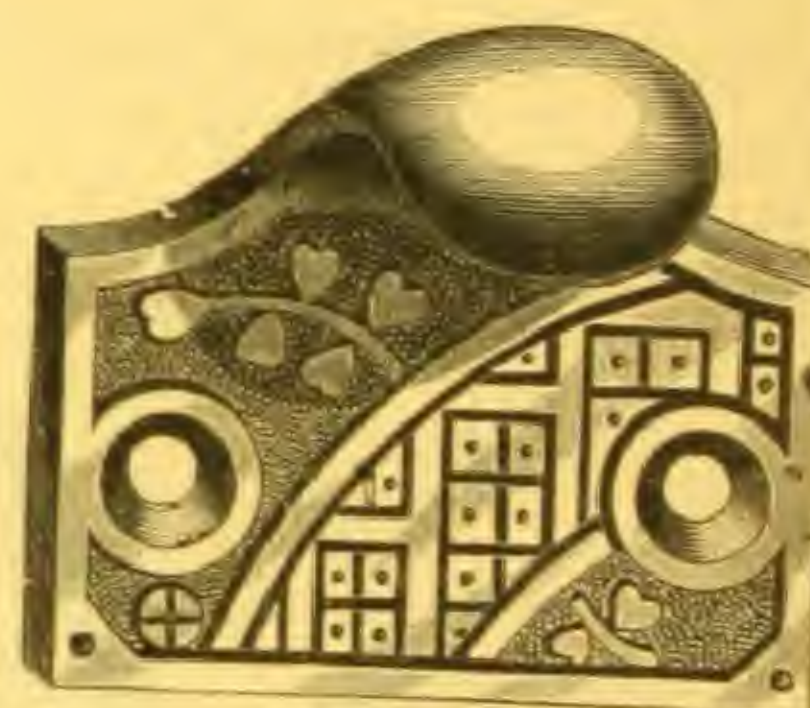


Nos. 1421 and 1422.

No.		Per gross.	Per doz.
420.	Berlin Bronzed Sash Lifts,	\$1 25	\$0 15
424.	Copper " "	1 50	18
1421.	Bronze Plated "	2 75	30
1422.	Real Bronze "		65

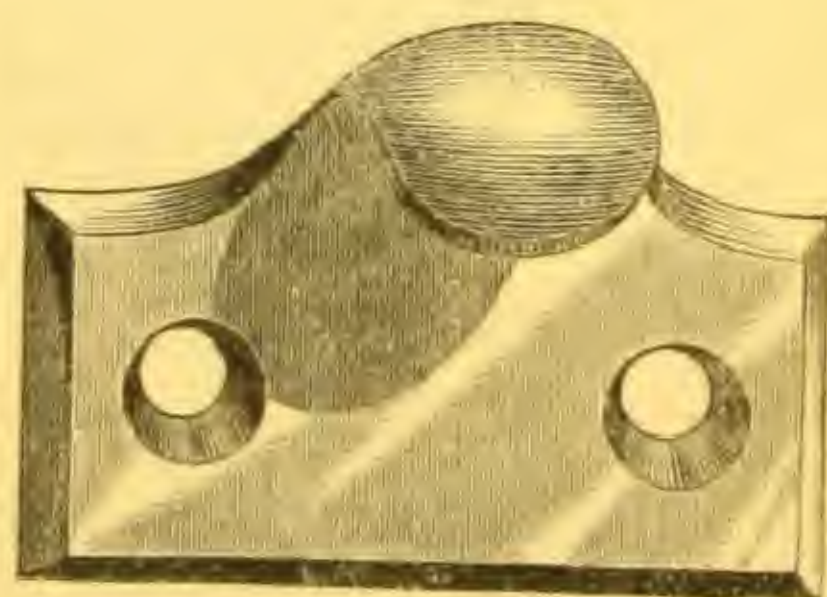


No. 488.

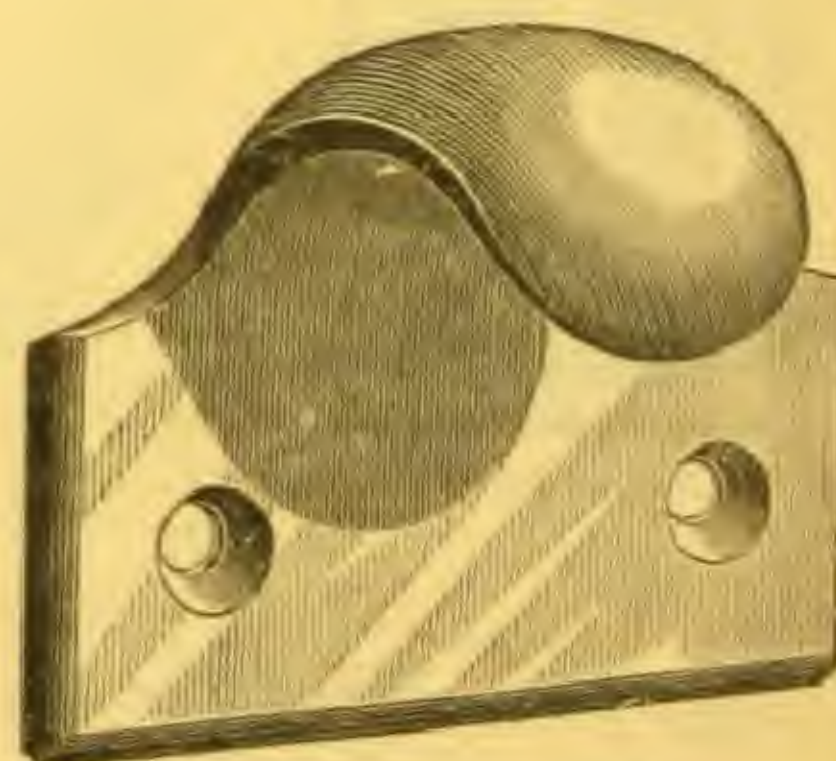


No. 489.

No.		No. 489.	
488.	Ornamental Bronze Metal Sash Lift,		Per doz.
489.	" " " "		\$0 70
			35



Nos. 1423 and 1424.



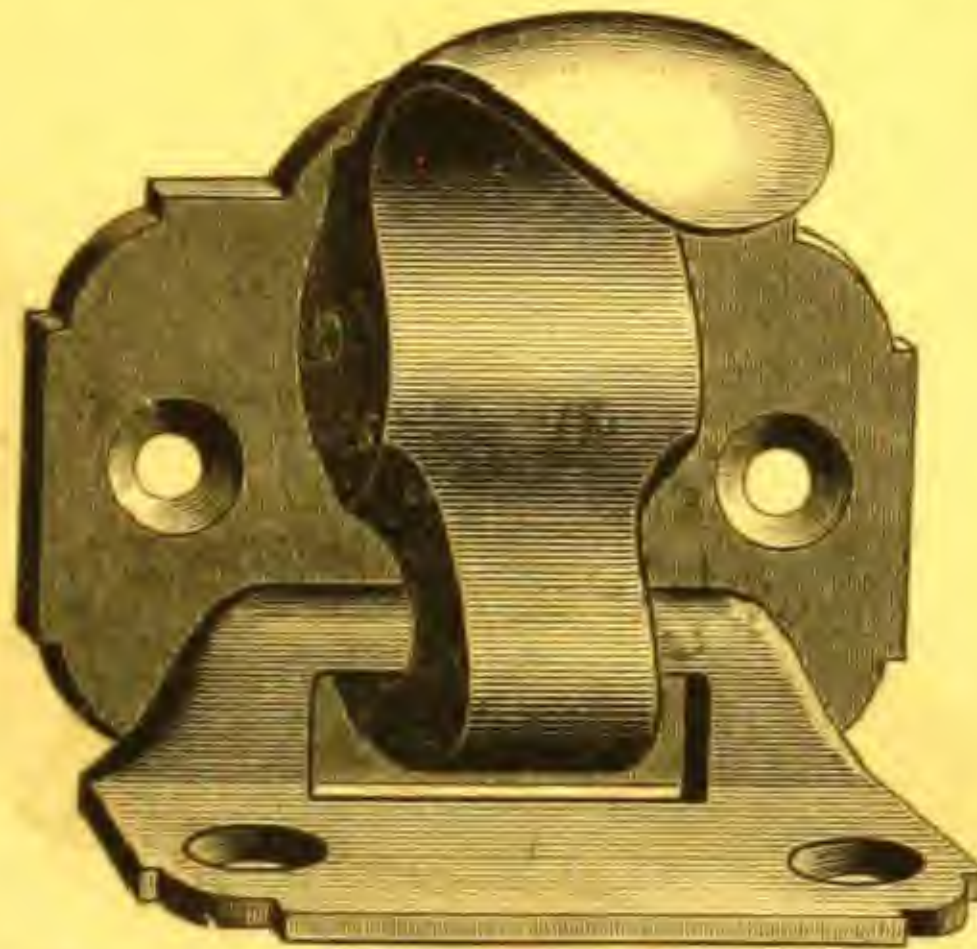
No. 423.

No.		Per doz.
1423.	Bronze Plated Sash Lifts,	\$0 30
1424.	" Metal "	40
423.	" " "	1 00

SASH LIFT AND LOCK.

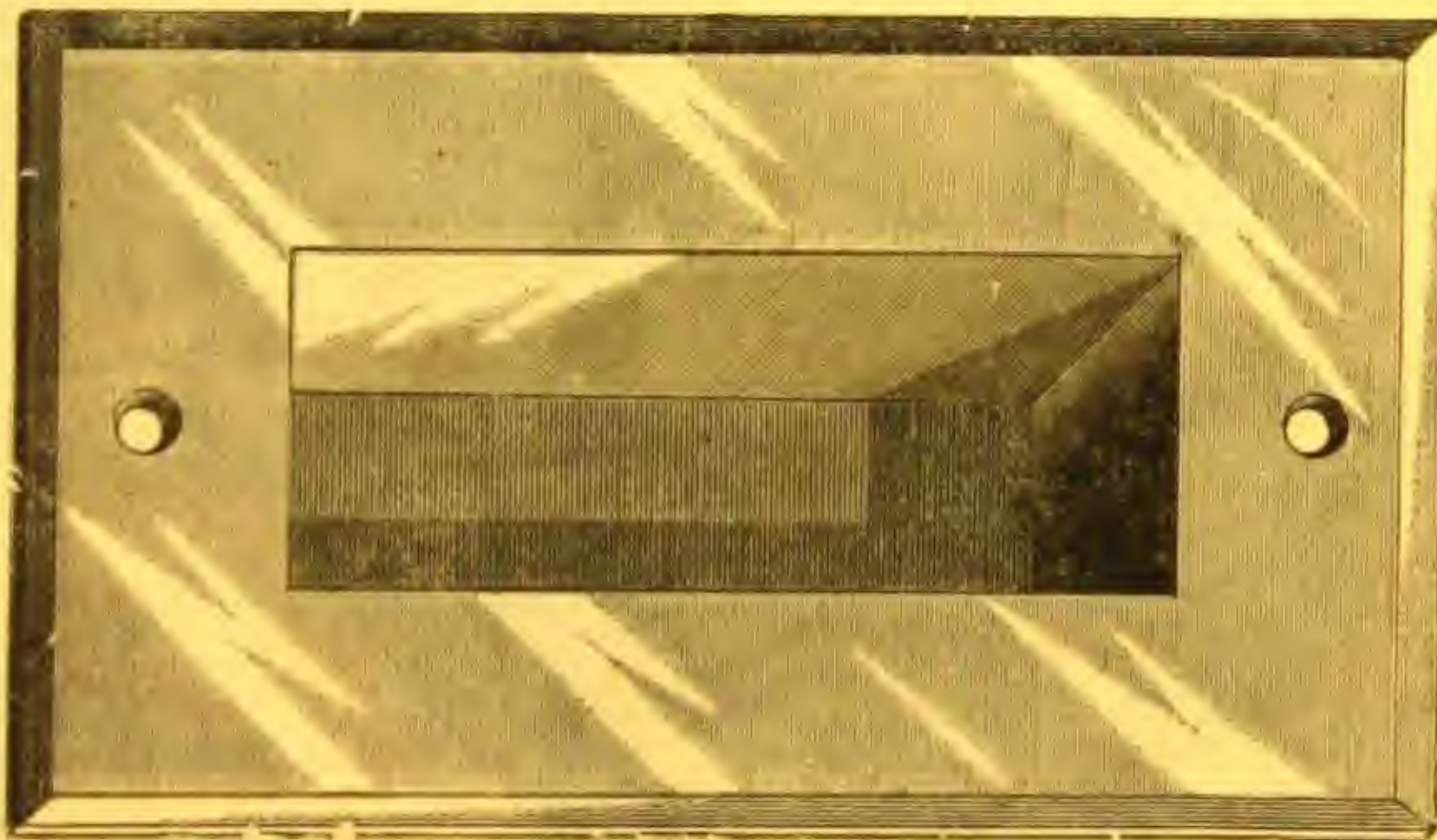


No. 447. Copper Bronzed, per dozen, \$0 55



No. 448. Plain Bronze Metal, per dozen, \$1 90

FLUSH SASH LIFTS.

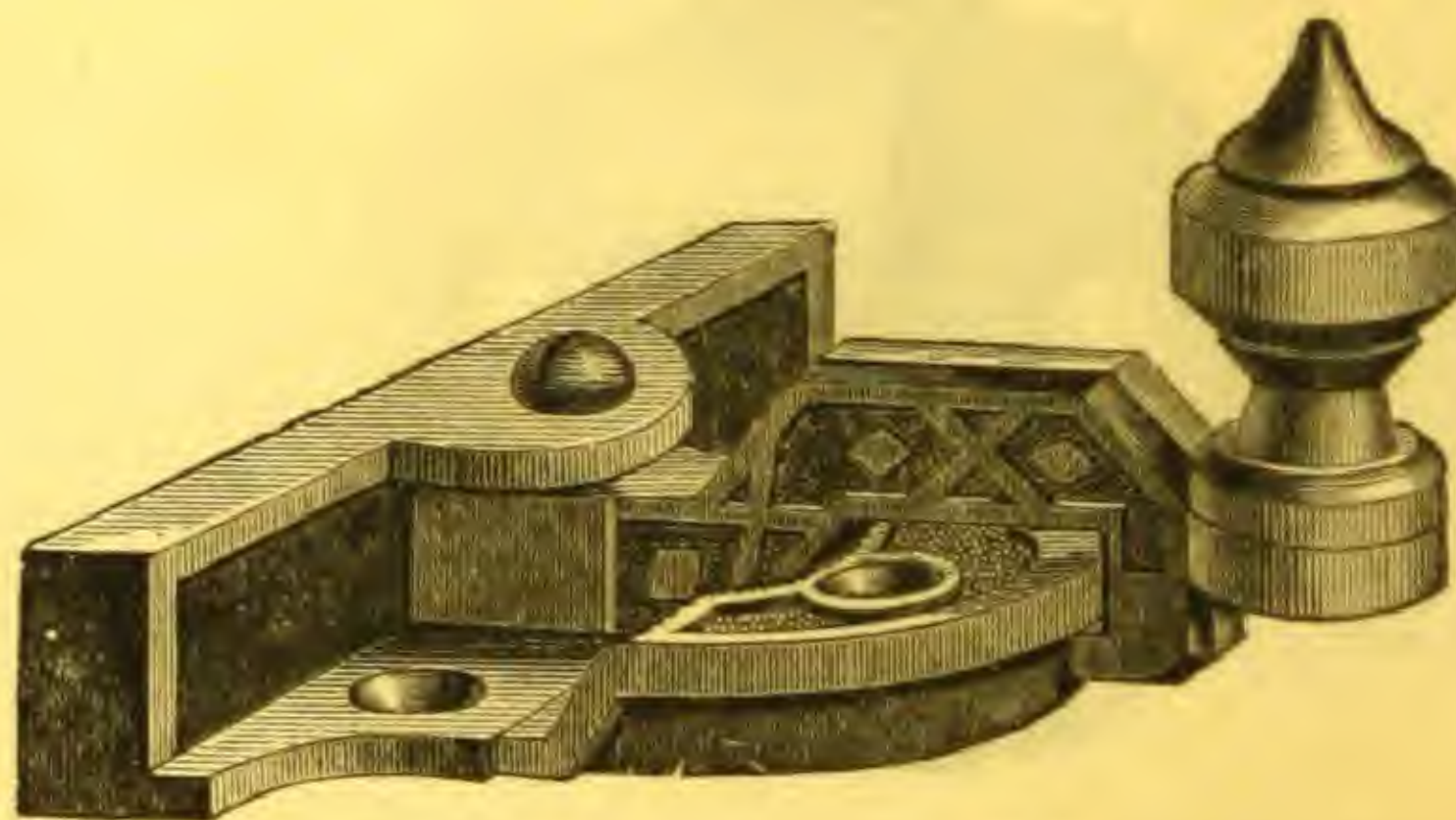


No. 1832.	Bronze Metal Flush Sash Lift,	3x15/8 inches,	. . . . .	per dozen,	\$0 55
" 834.	" " " "	" "	. . . . .	"	1 60
" 1833.	" " " "	3 1/2 x 2	" "	"	1 90

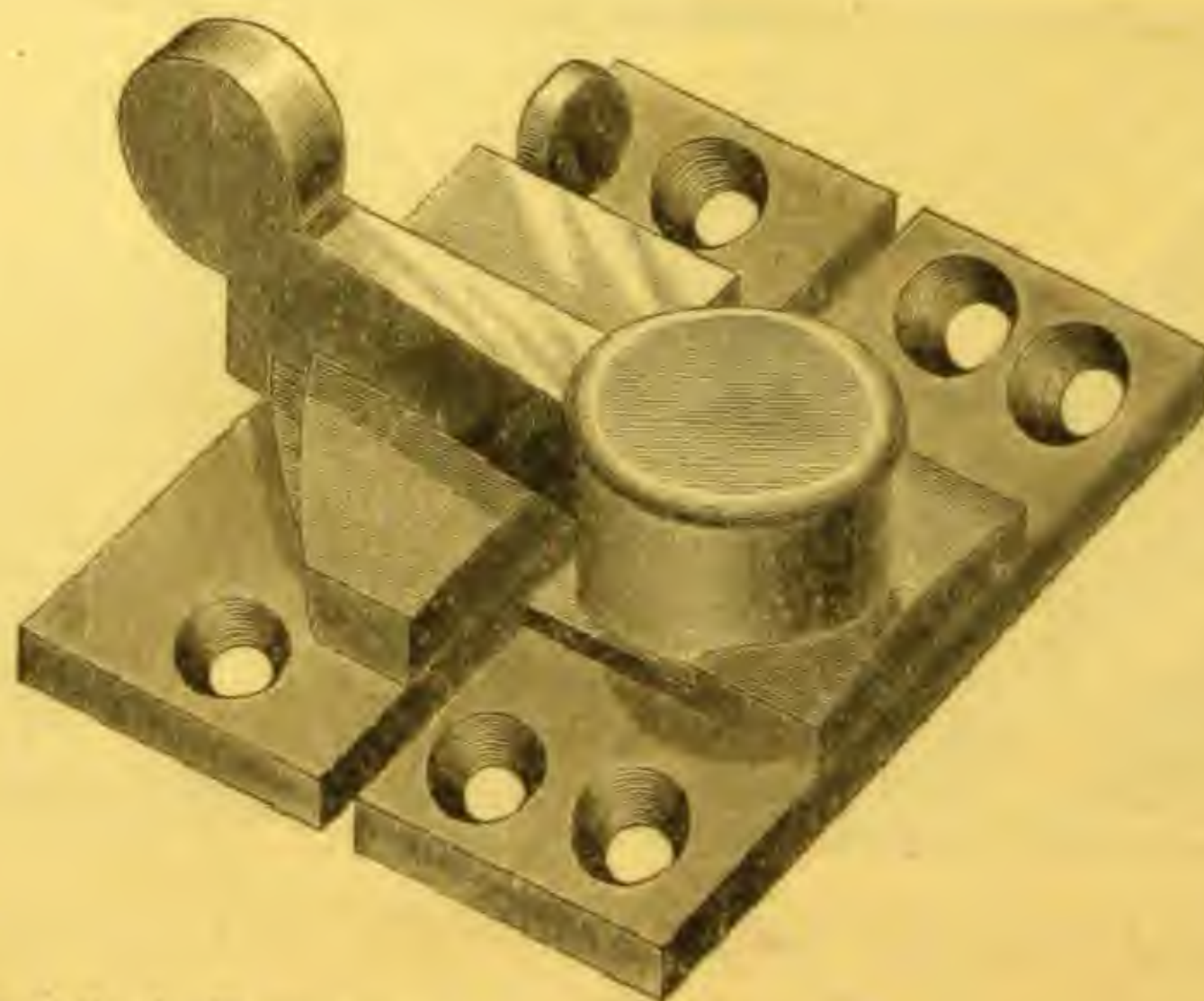
SASH FASTENERS.



No. 436. Berlin Bronzed Sash Fasteners, per dozen, \$0 40
 " 443. Copper " " " " " " " " " " 45



No. 439. Real Bronze Sash Fasteners, per dozen, \$2 25



No. 440. Bronze Metal Sash Fasteners, per dozen, \$3 00

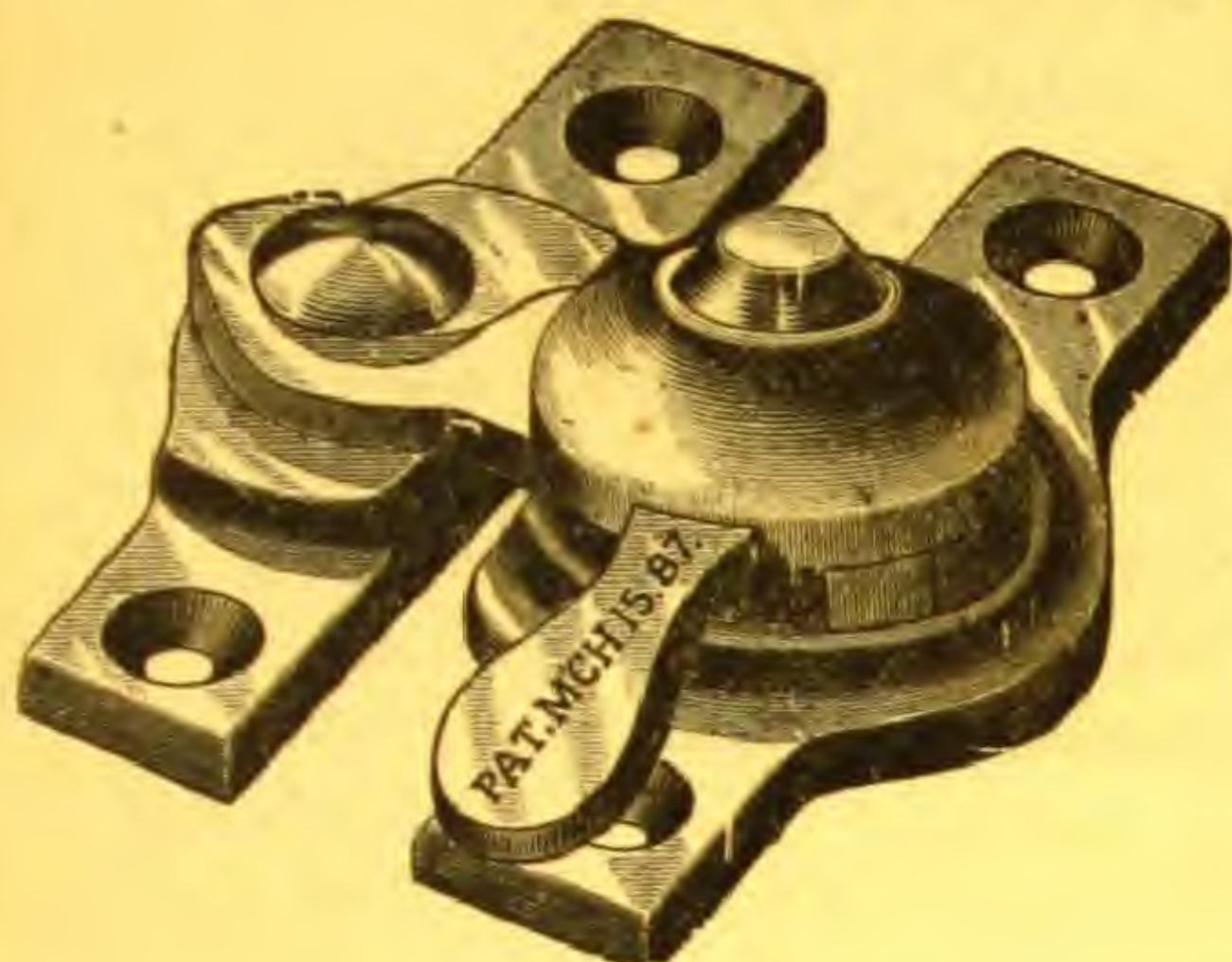


No.
 1. Berlin
 2. Copper
 3. Bronze



No.
 1486. Co
 486. Br
 487. Br

SASH FASTENERS.

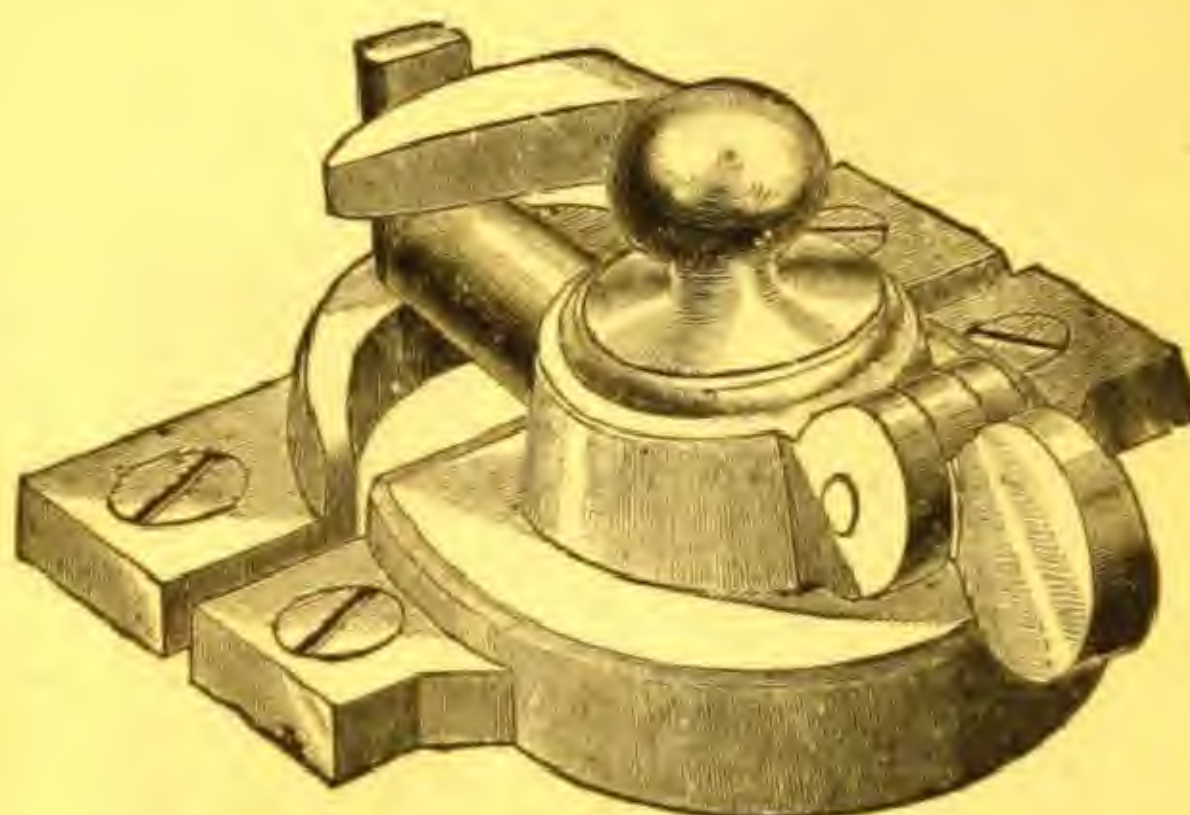


"THE ACME."

No.	Per doz.
441. Copper Bronzed Sash Fasteners,	\$0 60
442. Plain Bronze Metal Sash Fasteners,	2 00

"THE DAISY."

No.	Per doz.
1. Berlin Bronzed Sash Fasteners, .	\$0 50
2. Copper " " "	60
3. Bronze Metal " "	2 50

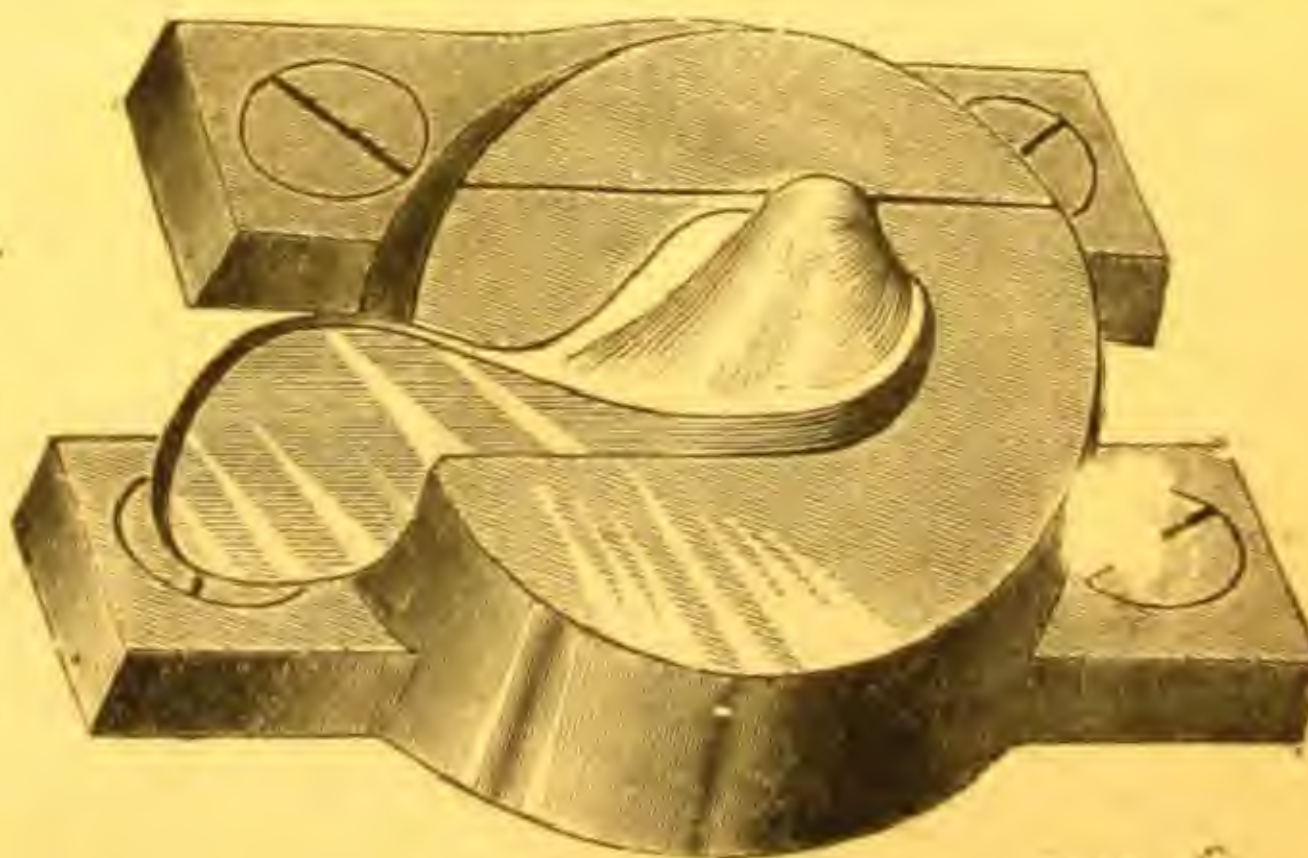


"THE IVES."

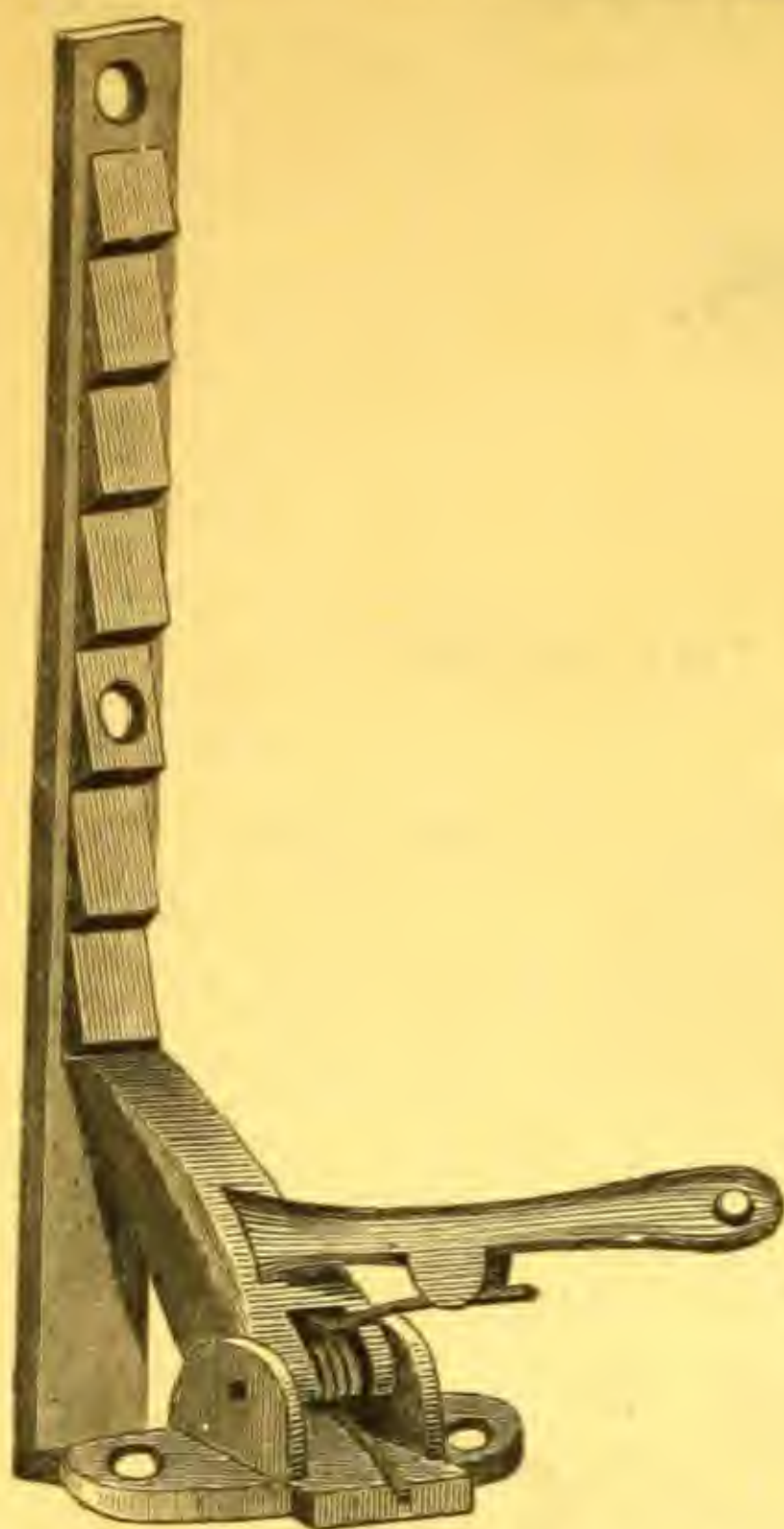
No.	Per doz.
483. Berlin Bronzed Sash Fasteners, .	\$0 95
484. Bronze Plated " "	1 85
485. Bronze Metal " "	2 75

"THE CHAMPION."

No.	Per doz.
486. Copper Bronzed Sash Fasteners,	\$0 95
486. Bronze Plated Sash Fasteners,	1 30
487. Bronze Metal Sash Fasteners,	2 00



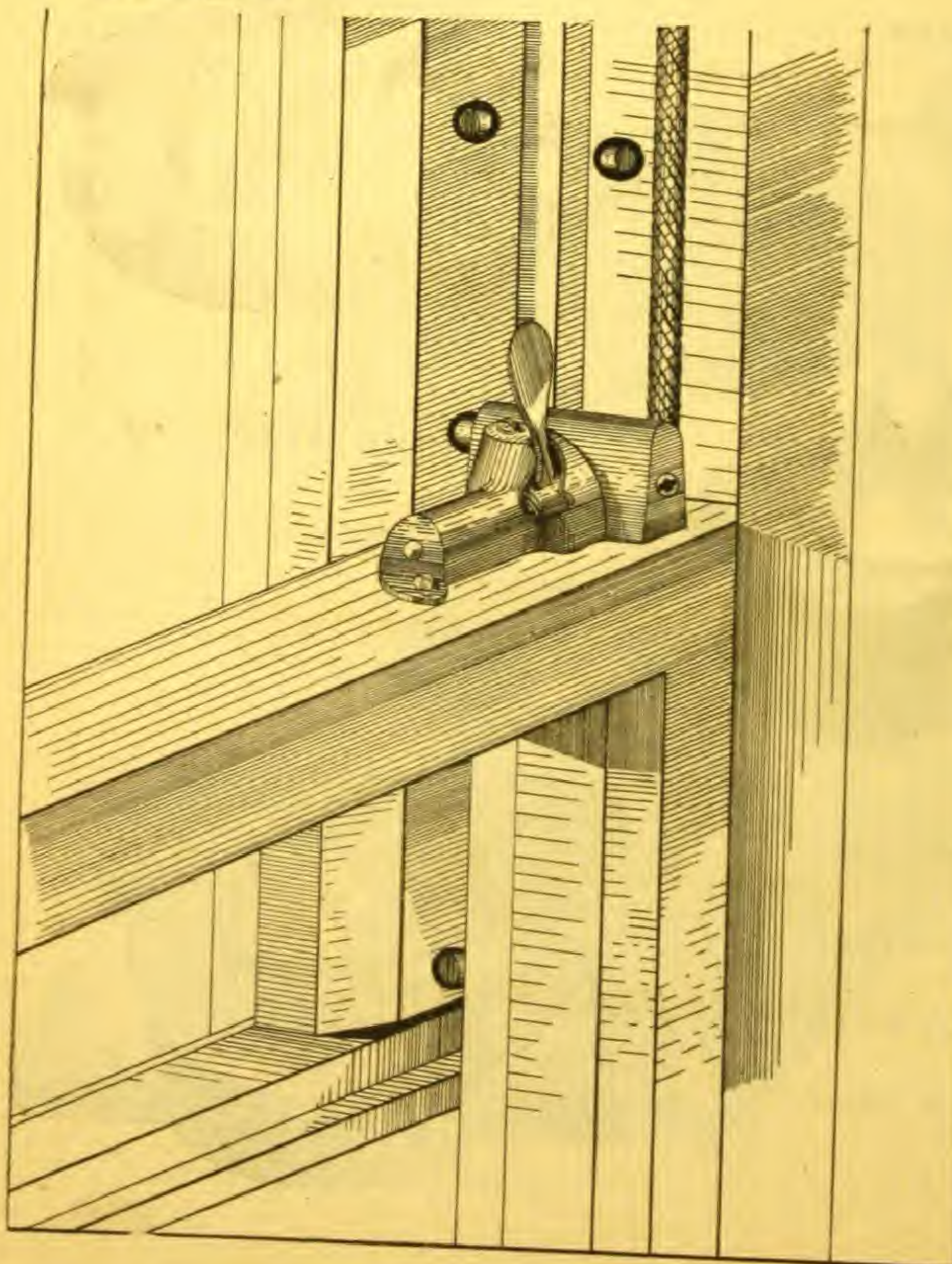
VENTILATING AND SELF-LOCKING SASH FASTENING.



No. 230. Improved Bronze Metal Sash Fastening, Ventilating and Self-Locking; one of the best sash fastenings made. Every time the sash is closed it is locked, and it admits of ventilation with security,

Per doz., \$6 00

This cut is one-half size.



THE CHAPLIN WINDOW LOCK

Is the only window lock manufactured that locks the window, either open or shut, and can be applied to any window, whether old or new.

It is the only practical window lock on the market.

You can leave your window open by day or night, feeling perfectly safe from intrusion of petty sneak thieves, as it locks itself if the window is forced from the outside.

Polished Bronze Metal, Per
doz., . . . \$6 00
Each, . . . 60

SID

No.

481. Orn

L

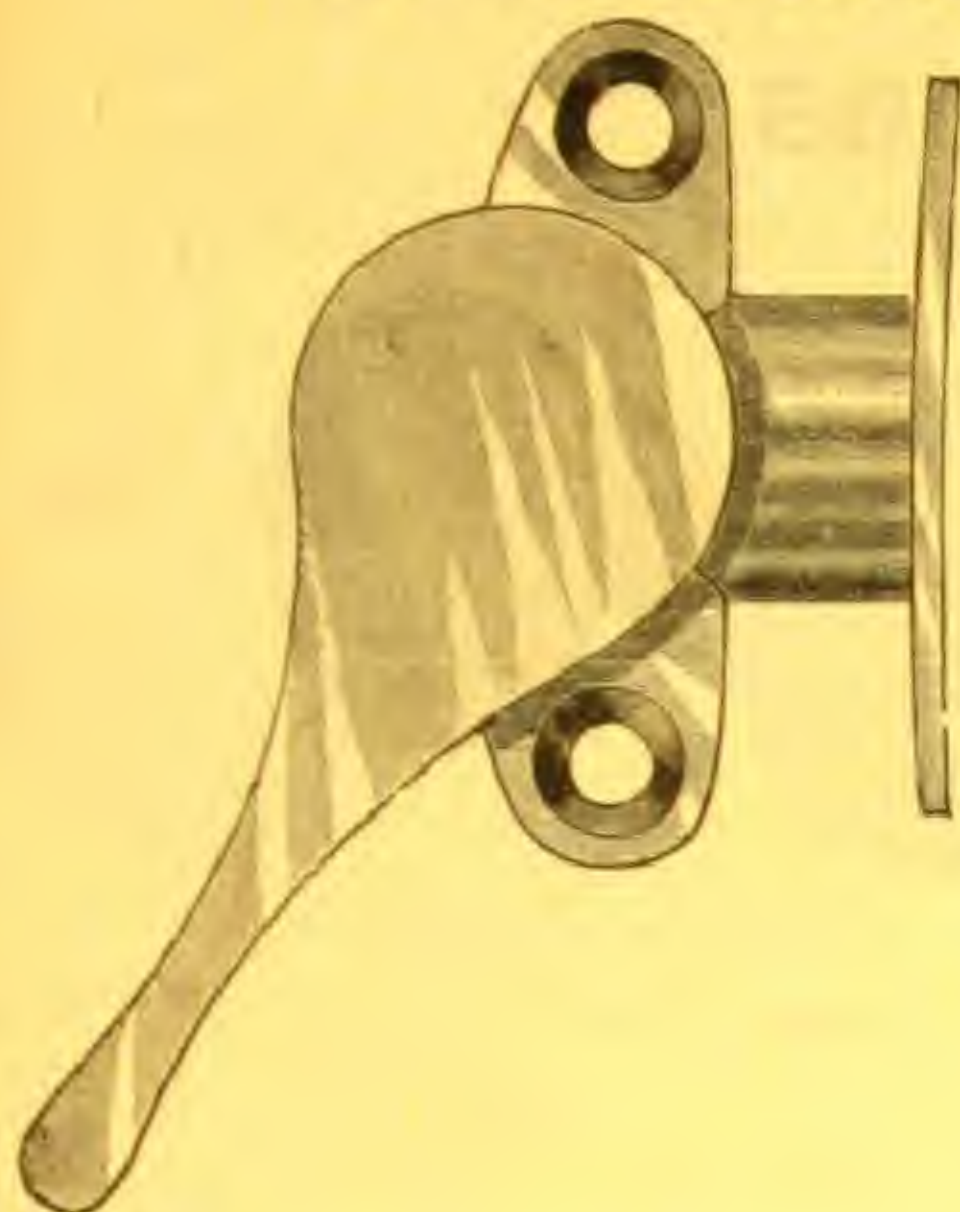
No.

478. Jay

479. Tin

No. 1235

CHAMPION (SIDE) SASH LOCKS.

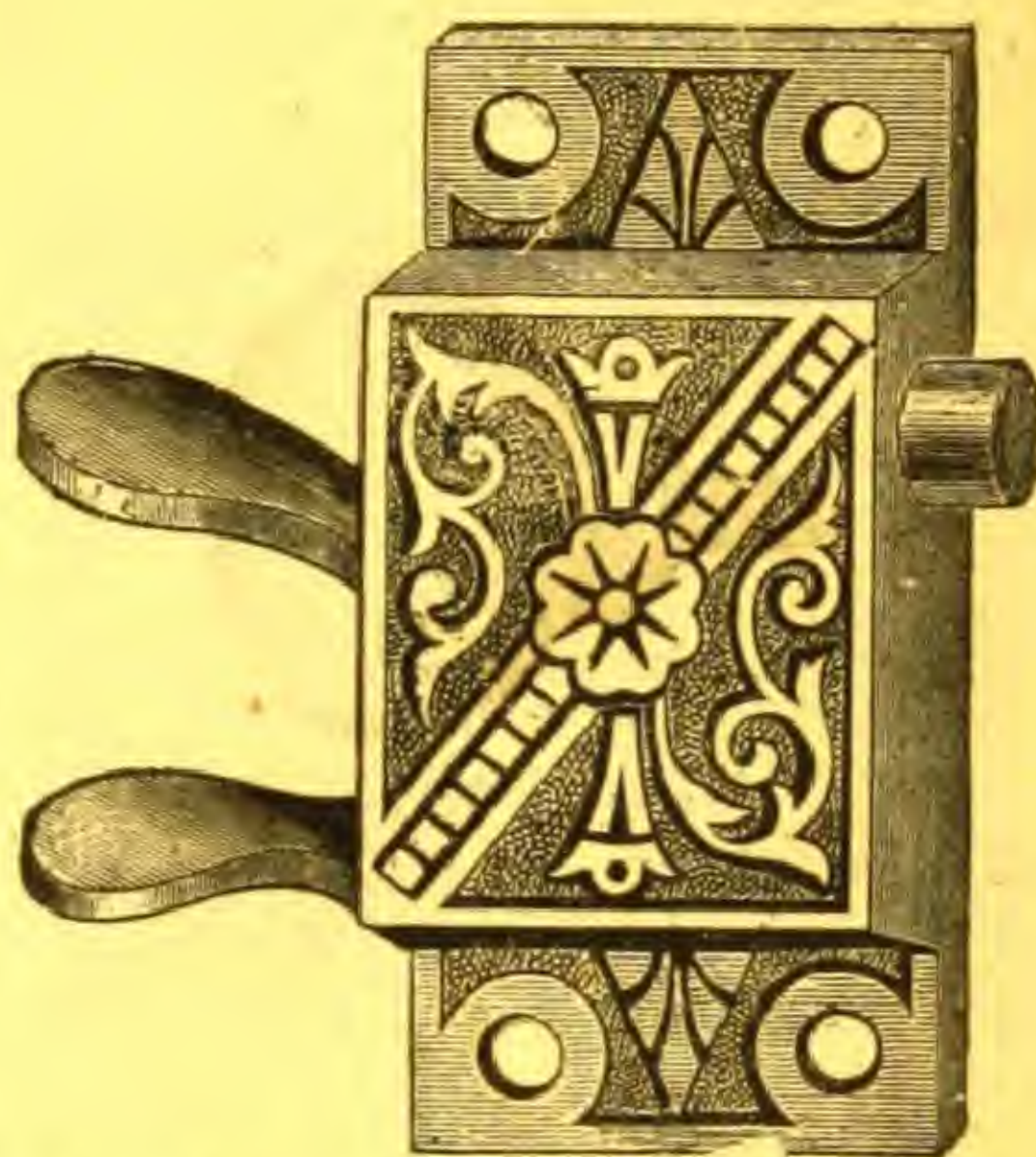


These Locks do away with the incessant *rattling* of the windows. They have been in extensive use for over five years, and have rapidly gained an enviable reputation with all their patrons. Are used with or without weights. Just the thing for *window screens*.

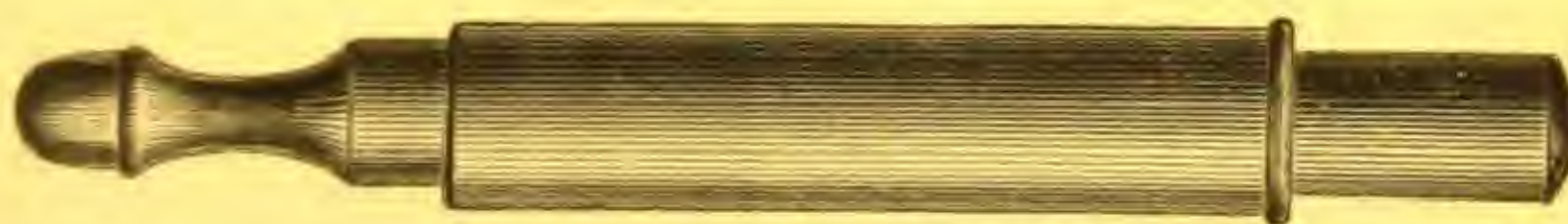
No. 474. Polished Bronze Plated Champion Side Sash Locks, per doz., \$0 60

SIDE SASH LOCKS.

No. 482. Ornamental Bronze Metal Sash Locks, with two Stops to each, . \$3 75



WINDOW SPRINGS.



No.		Per gross.	Per doz.
478.	Japanned Window Spring,	\$0 90	\$0 12
479.	Tinned " "	1 75	20

BRASS SASH PINS.



No. 1233.

No. 1233. Brass Sash Pins, 2½ inches, with brass plates for sash, per doz., \$0 80

SHUTTER KNOBS.



No. 450.

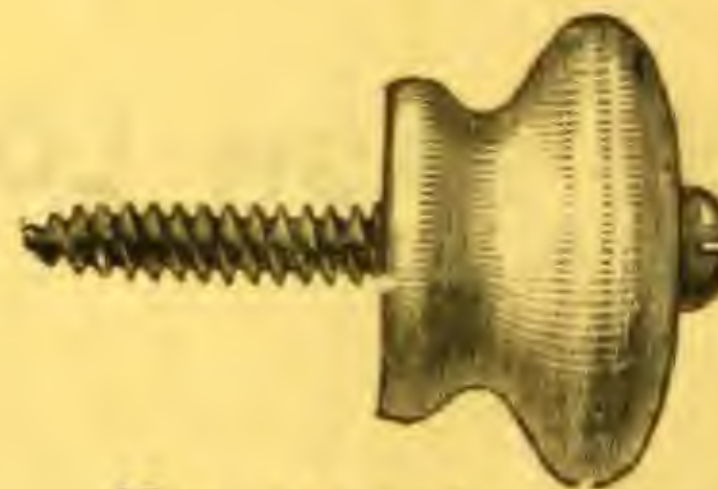


No. 451.

No.				Per gross.	Per doz.
450.	Berlin Bronzed Shutter Knobs,	$1\frac{1}{8}$ inch,		\$2 75	\$0 30
461.	Copper	"	$\frac{7}{8}$ "	2 30	25
451.	Bronze Metal	"	$\frac{7}{8}$ "		80

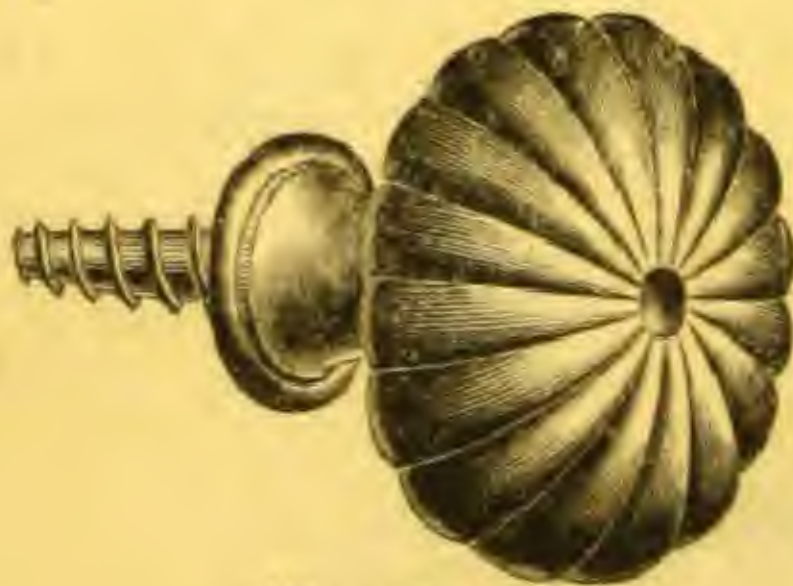


Nos. 453 and 454.

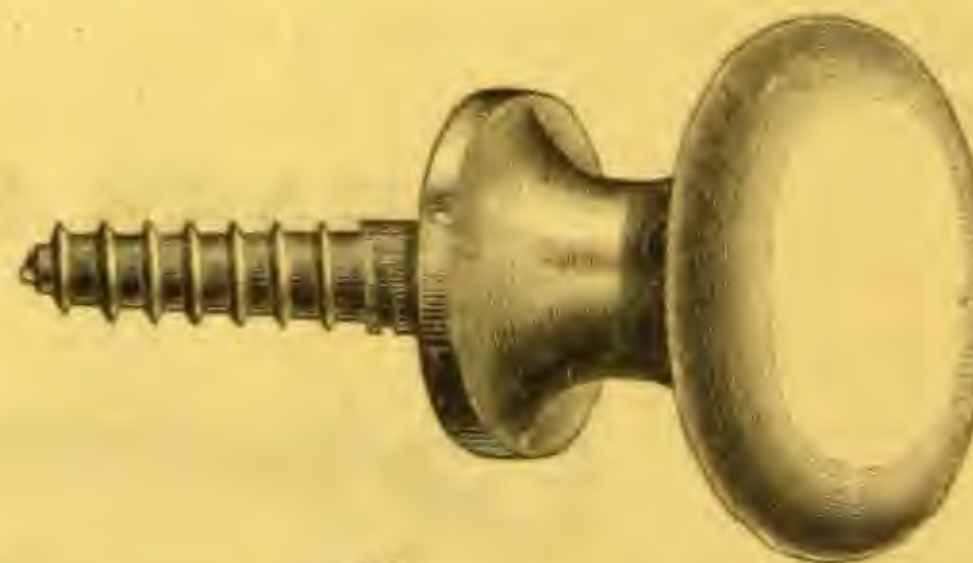


Nos. 444 and 445.

No.				Per doz.
453.	Bronze Metal Shutter Knobs,			\$0 60
454.	" Plated	"		35
445.	Porcelain	"		
	Per gross,	1	$1\frac{1}{4}$ inch.	
	Per dozen,	\$1 10	\$1 60	\$2 10
444.	Wood Shutter Knobs,	15	18	22
	Per gross,		1	$1\frac{1}{2}$ inch.
	Per dozen,	\$1 50	\$2 00	
		15	20	



No. 086.



No. 2351.

No.				Per doz.
086.	Plain Bronze Metal Shutter Knobs,	$1\frac{1}{4}$ inch,		\$1 25
2351.	"	"	"	1 00

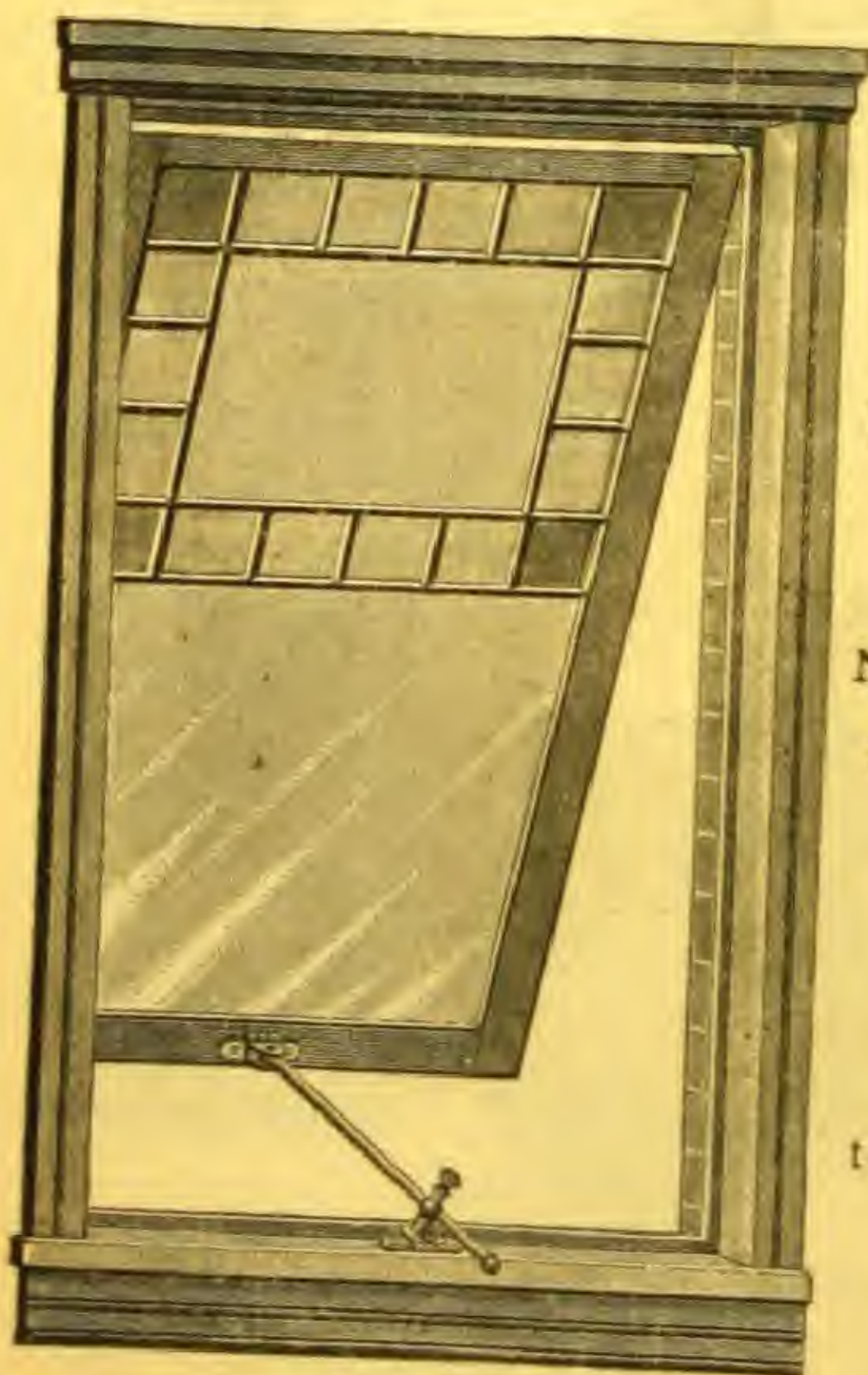
CASEMENT SASH OPENERS.



No.		Each.
713.	Casement Sash Openers, galvanized, 12 inch,	\$0 65
714.	" " " copper-bronzed, 12 inch,	50
715.	" " " polished brass, 12 inch,	1 00



No.		Each.
716.	Sash Openers, Wrought Iron, 15 inch,	\$0 40
717.	" " " " copper-bronzed, 15 inch,	65



No. 721.

CASEMENT OPENER.



No.		Each.
721.	Casement Sash Opener, Copper Bronzed, 15 inch,	\$0 75
	Casement Sash Opener, Polished Brass, 15 inch,	1 25

These Casement Openers are made with a hinge joint, to be used on sash with hinges on the top.
Other lengths made to order.

FR

BUTTER LOCKER

France's S
inter independe
It is much
may get out of ore
openers now in u
It avoids th
the very great inc
ing, Galvanized.

Per dozen pairs, n
Per pair, with Scr

WA



Sizes,
Per dozen pairs, v
Per pair, with Scr

FRANCE'S SHUTTER HOLDER.



SHUTTER LOCKED. SHUTTER BOWED.



OPEN OR STAYED BACK.

France's Shutter Holder does away with Bolts and Turnbuckles, and bows either shutter independent of the other, and at any desired angle.

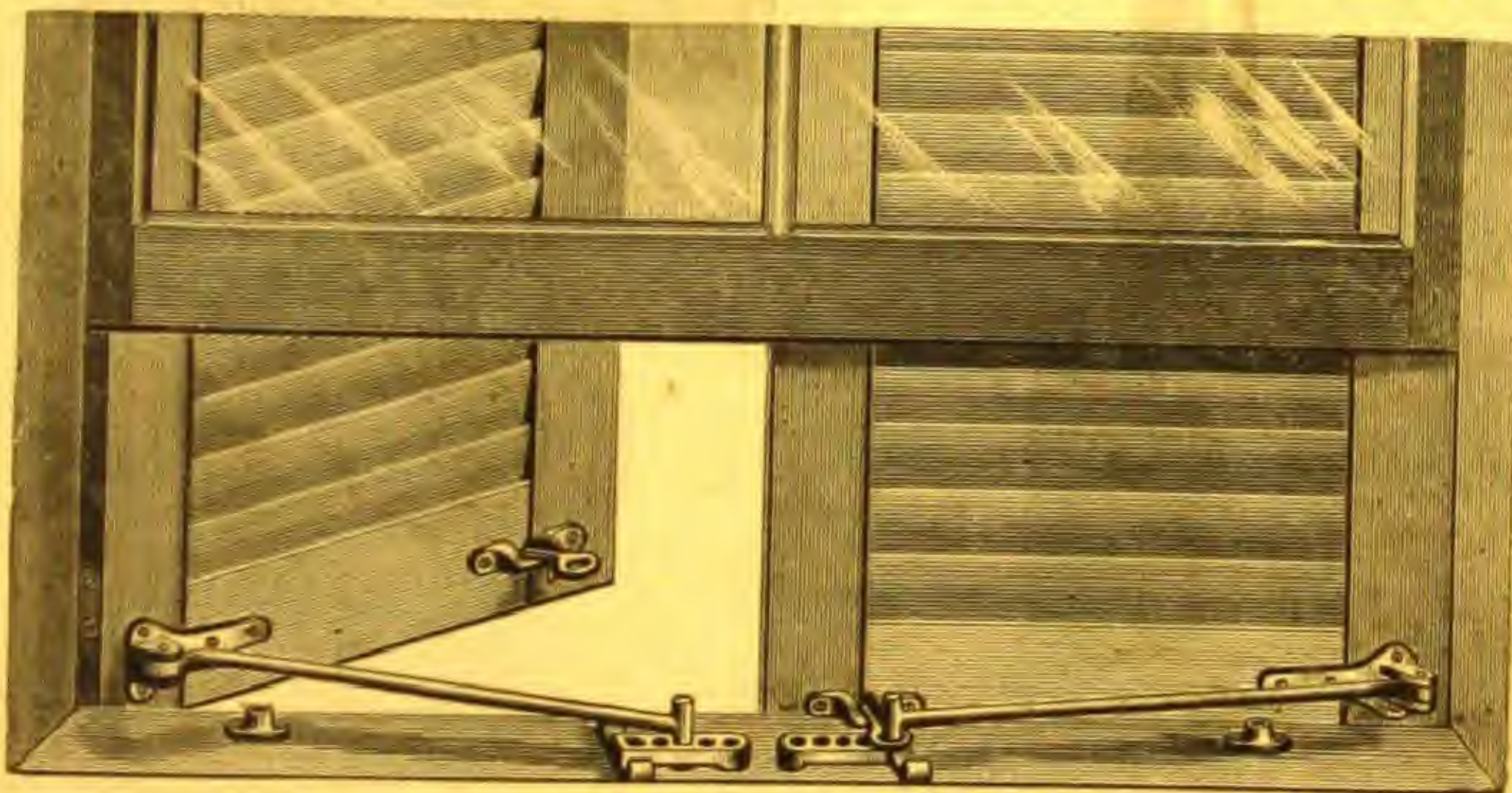
It is much more secure than a bolt and cannot rust and strain the shutters, or in any way get out of order. It is simple in construction, and sells for less money than the old fasteners now in use.

It avoids the danger of reaching out of the window to fasten the shutters back, and the very great inconvenience of rusty and frozen bolts. The hooks are 7 and 10 inches long, Galvanized.

No. 706. GALVANIZED.

Sizes,	7	10 inch.
Per dozen pairs, no Screws,	\$2 00	3 00
Per pair, with Screws,	25	30

WALLING'S SHUTTER HOLDER.

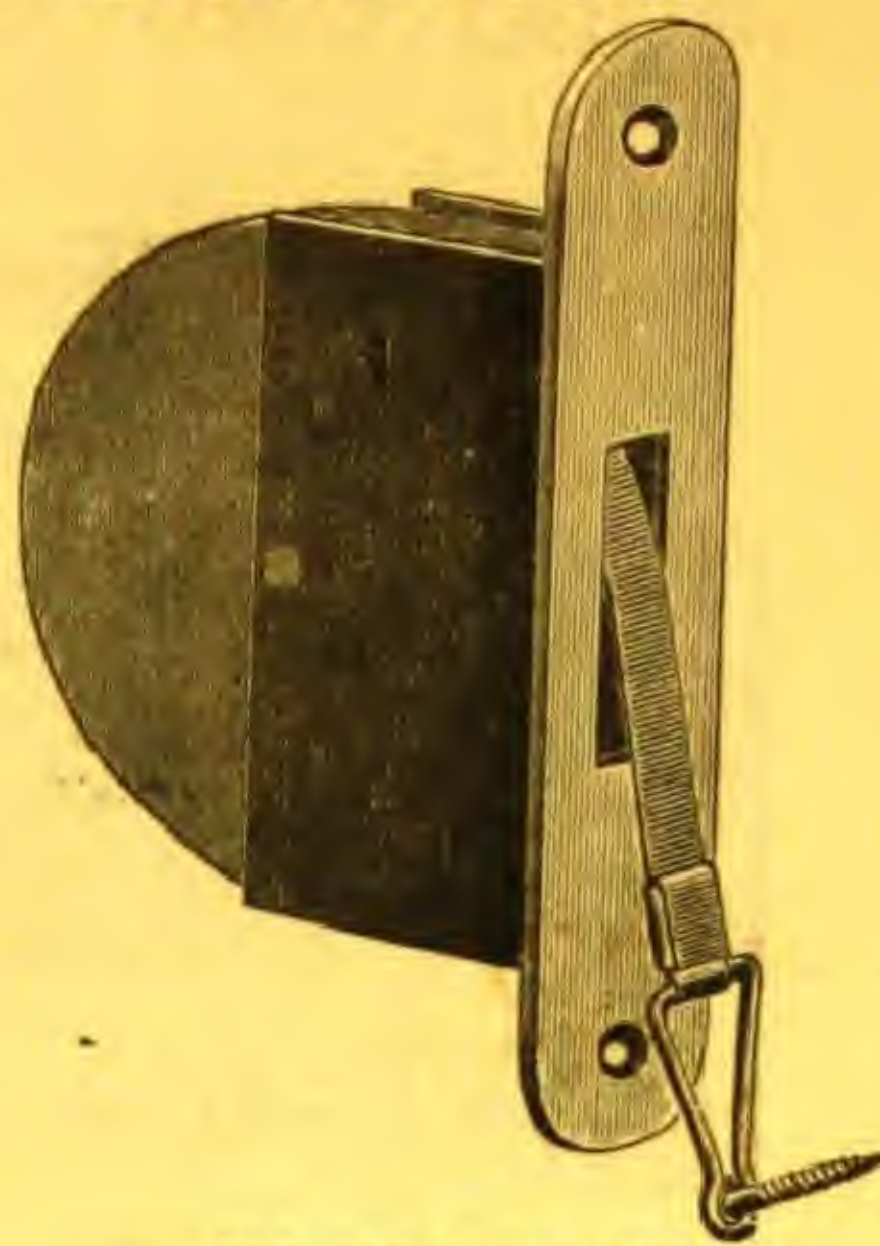
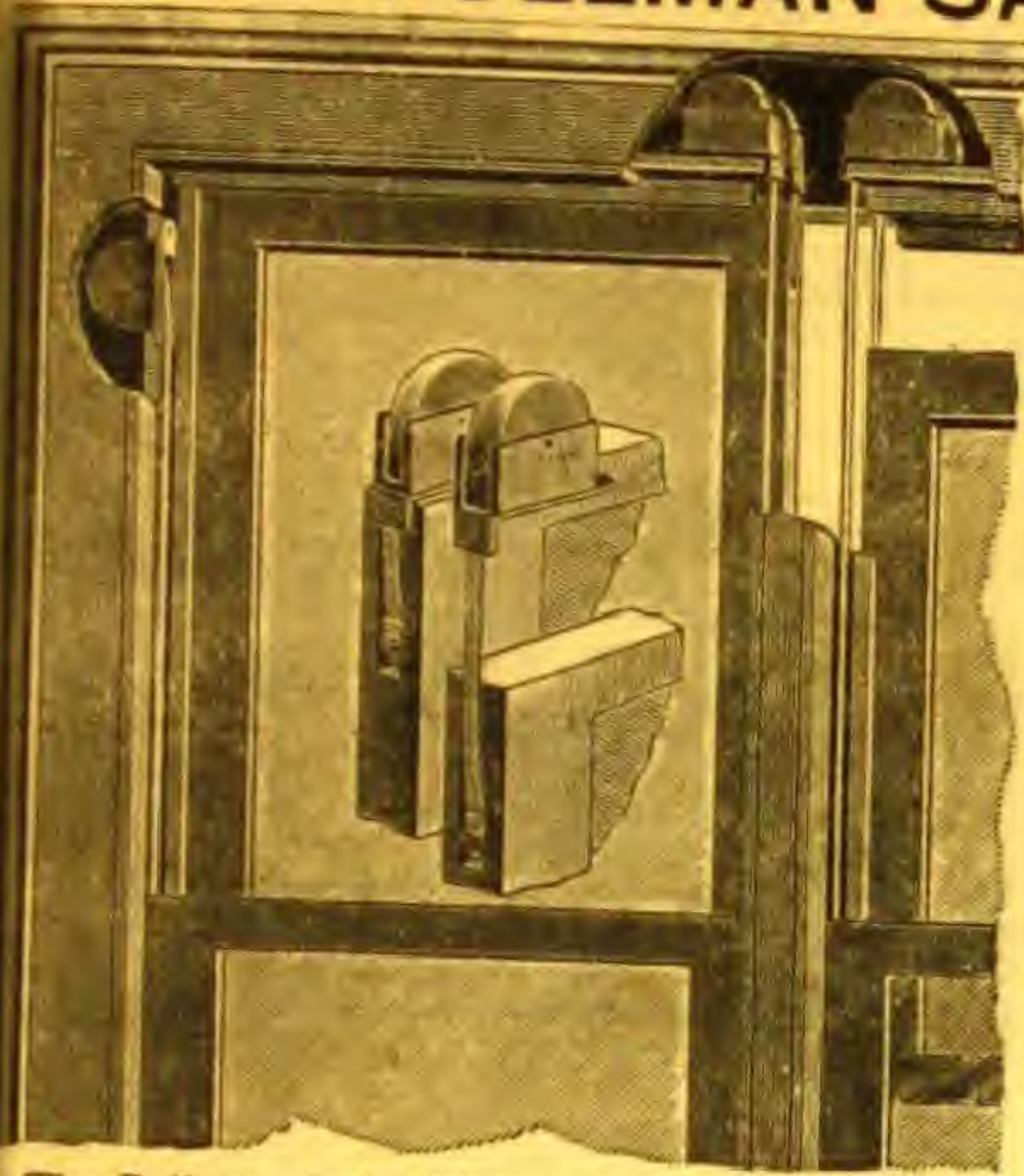


SHOWS ONE SHUTTER BOWED AND THE OTHER LOCKED.

No. 1708. GALVANIZED.

Sizes,	9	12	14	16 inch.
Per dozen pairs, with Screws,	\$2 75	\$3 25	\$3 55	\$4 00
Per pair, with Screws,	30	35	38	40

PULLMAN SASH BALANCE.



PAT. OCT. 30TH, 1888.

SIDE BALANCE.

The Pullman Sash Balance is a simple, durable, and compact appliance for balancing window sashes. It consists of a thoroughly tested steel clock spring, rolled within an iron drum, around which is wound a tempered brass tape or ribbon, which is attached to the sash, while the resistance of the spring furnishes the requisite tension or supporting power. The tension of the spring is controlled by means of a brake, which is regulated by a screw in the face plate, whereby the balance may easily and conveniently be adjusted at any time to the exact weight of the sash, and give to the latter a steady or uniform motion.

This balance is especially useful in remodeling old houses, as it can be easily applied to old windows without altering the frame or sash.

No.	Weight of each sash.	Height of each sash not to exceed	per pair,	\$o
0—	4 to 5 pounds,	30 inches,		48
" 1—	5 to 7 "	30 "	"	48
" 2—	7 to 9 "	30 "	"	52
" 3—	9 to 11 "	38 "	"	56
" 4—	11 to 13 "	46 "	"	64
" 5—	13 to 15 "	46 "	"	68
" 6—	15 to 17 "	46 "	"	75
" 7—	17 to 19 "	46 "	"	80
" 8—	19 to 21 "	46 "	"	95
" 9—	21 to 24 "	48 "	"	1 00
" 10—	24 to 27 "	48 "	"	1 10
" 11—	27 to 30 "	48 "	"	1 15
" 12—	30 to 33 "	48 "	"	1 20
" 13—	33 to 36 "	48 "	"	1 25

Price of Mullion or Top Balances the same as the Side Balances.

For extra heavy sash use four balances instead of two; this will enable you to use the balances for sash weighing from 40 to 80 pounds each.



HUGUNIN PATENT SASH BALANCE.

The Hugunin Improved Adjustable Screw Sash Balances.

Size No. 2, dimensions $4\frac{1}{8} \times 1\frac{3}{8}$ inches, capacity 20 pounds and under, each sash,

Per doz., \$2.50, each, \$0.25.

MUCH CHEAPER THAN WEIGHTS.

The sashes are closed by a slight pressure of the hand. Automatically controlled friction is used while holding sash or balancing their weights.

LETTER-BOX PLATES.



No. 1727.	Ornamental Bronze Plated Letter-Box Plates, 6x2,	Each.
" 728.	" " Metal " " 7 1/2 x 2 3/4,	\$0 20
		75



No. 1722.	Plain Bronze Plated Letter-Box Plates, 7x2,	Each.
" 723.	" " Metal " " 7x2 1/2	\$0 30
		65

FOR NEWSPAPERS.

No. 1728.	Ornamental Berlin Bronze,	Each.
" 1723.	Plain Bronze Metal,	\$0 65
		3 25

SK

Operated

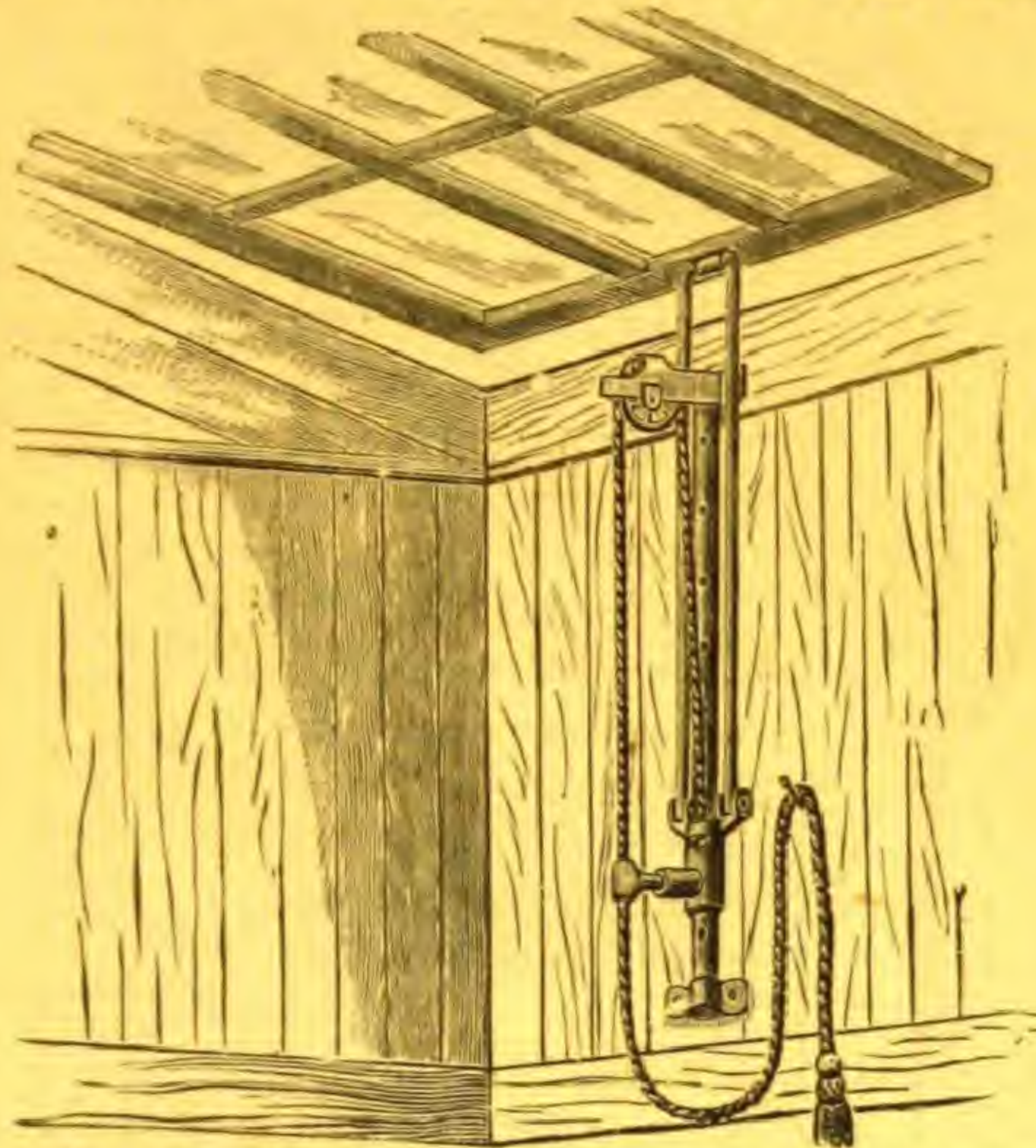
No.
18.
24.

All Iron



No. 162
1620. Letter
1621. "
1622. "

WOLLENSAK'S PATENT SKY-LIGHT LIFTER AND LOCK.



Operated with a single cord, and securely locked at any point. For Bath-Rooms, Stores, etc.

No.	Length.	Size.	Price each.
118.	18-inch.	$\frac{3}{8}$ -inch.	\$1 50
124.	18-inch.	$\frac{1}{2}$ -inch.	2 25

LETTER BOXES.

All Iron, Finely Japanned in Brown, with Gold Ornamentation, very Strong and Capacious.



No.	No. 1620.	No. 1621.	No. 1622.	Each.
1620.	Letter Boxes, $10\frac{1}{2} \times 4\frac{3}{8} \times 2\frac{1}{2}$.			\$0 90
1621.	" $12 \times 4\frac{1}{2} \times 2\frac{1}{2}$.			1 50
1622.	" $11\frac{1}{2} \times 6\frac{1}{2} \times 2\frac{1}{2}$.			2 50

DICKSON'S PATENT TRANSOM LIFTER.

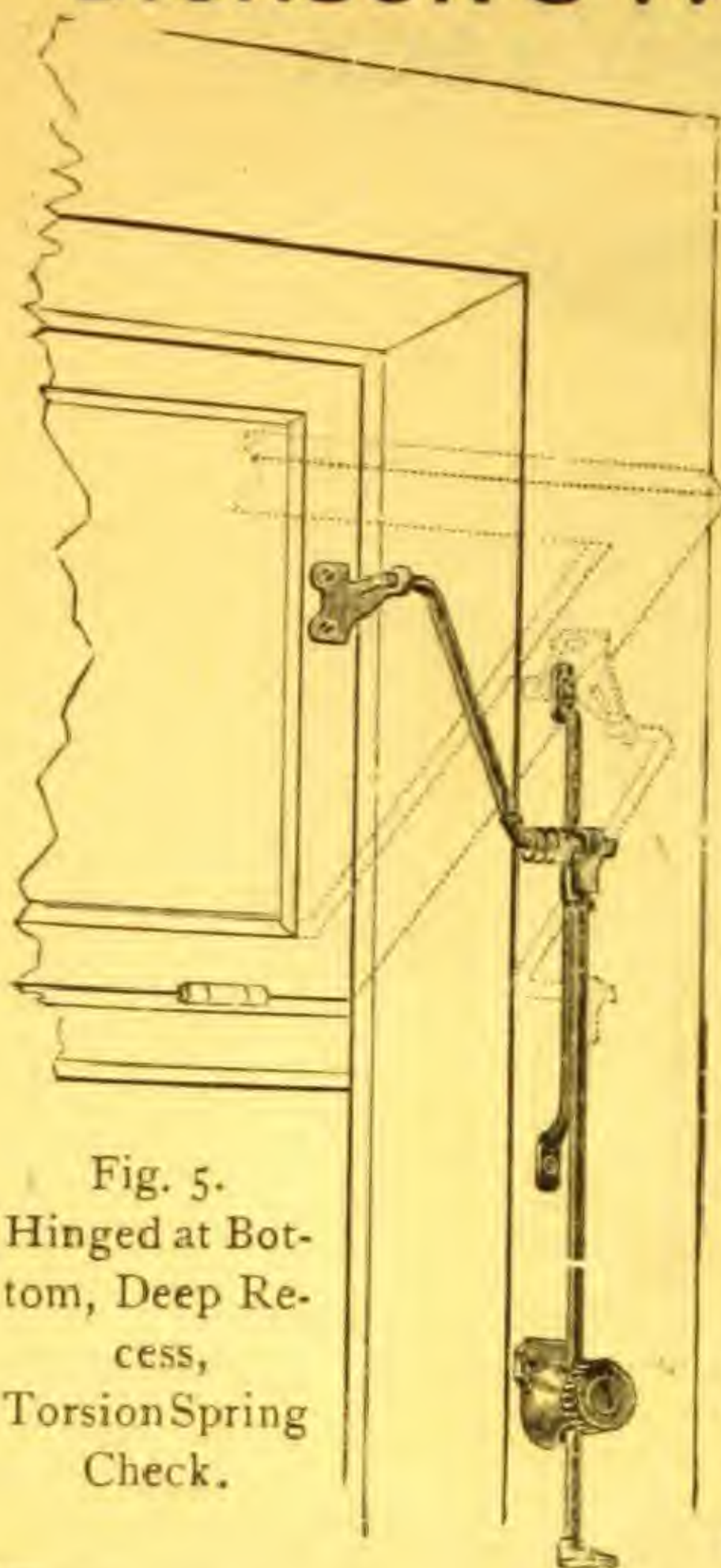


Fig. 5.
Hinged at Bot-
tom, Deep Re-
cess,
Torsion Spring
Check.

The Dickson is the only lifter in the market that is UNIVERSAL in its adaptability to meet all the requirements, as in its one form it swings OUT or IN sashes centrally pivoted, or hinged at either TOP or BOTTOM, and in every case for RIGHT or LEFT HAND.

No special bracket is ever needed, as our lifter operates transoms deep-recessed as well as if they were flush, thus saving the cost and delay of sending for extra parts.

When the Torsion Spring Check is used, the following additional charge will be made:

For $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ Rods.
\$0 08 \$0 10 \$0 12 each.

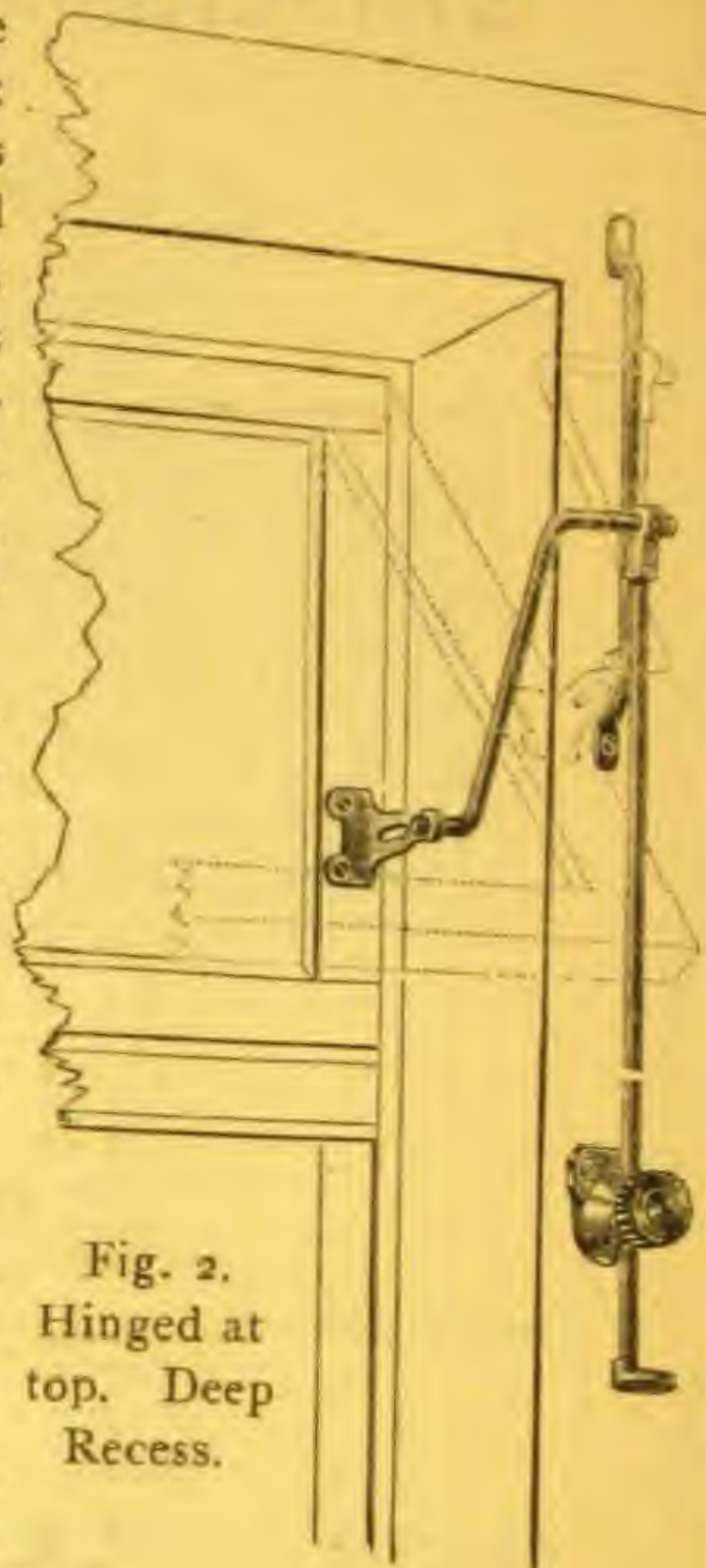


Fig. 2.
Hinged at
top. Deep
Recess.

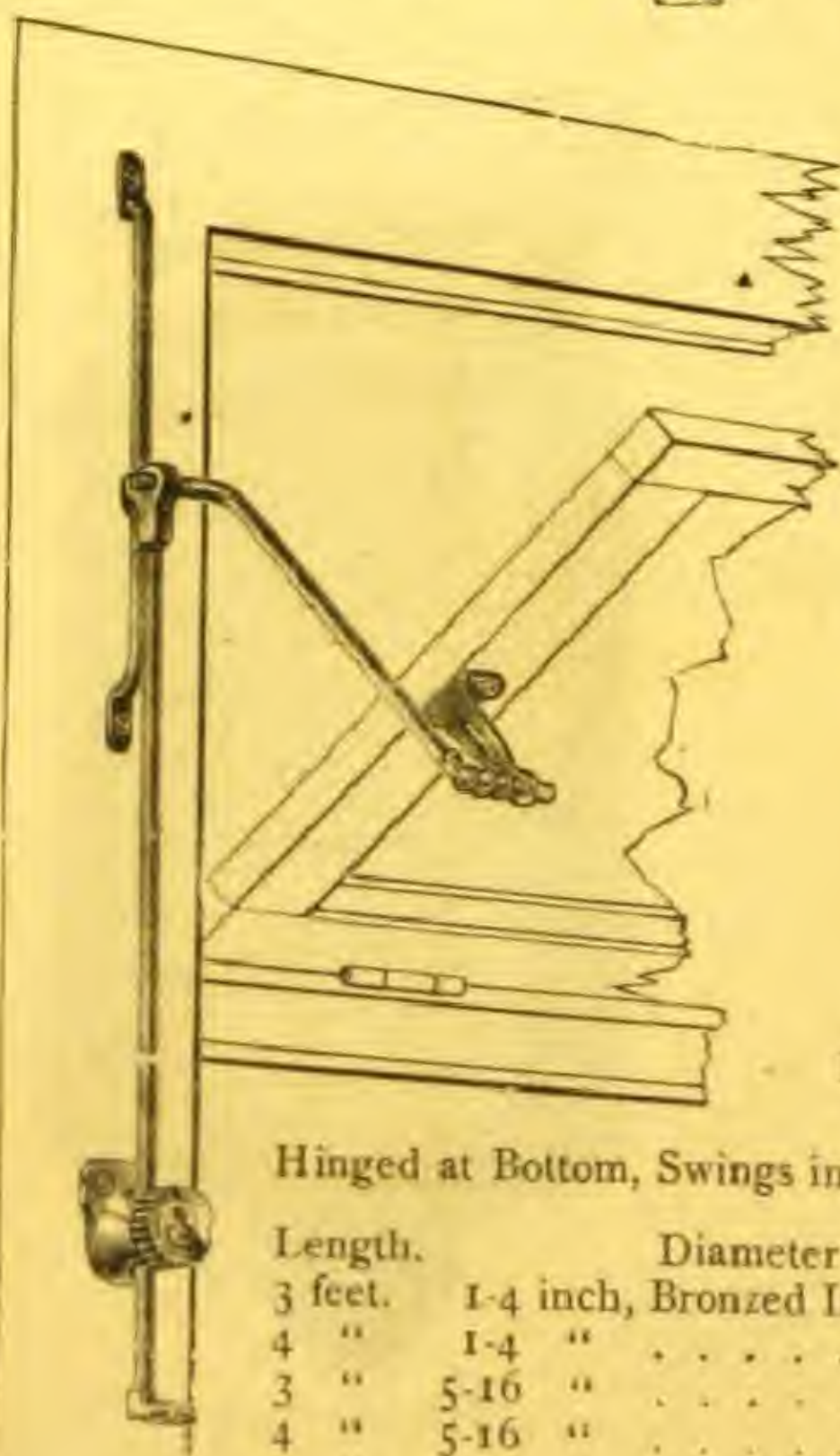


Fig. 4.

Hinged at Bottom, Swings in.

Length.	Diameter.
3 feet.	1-4 inch, Bronzed Iron,
4 "	1-4 "
3 "	5-16 "
4 "	5-16 "
5 "	5-16 "
4 "	$\frac{3}{8}$ "
5 "	$\frac{3}{8}$ "
6 "	$\frac{3}{8}$ "

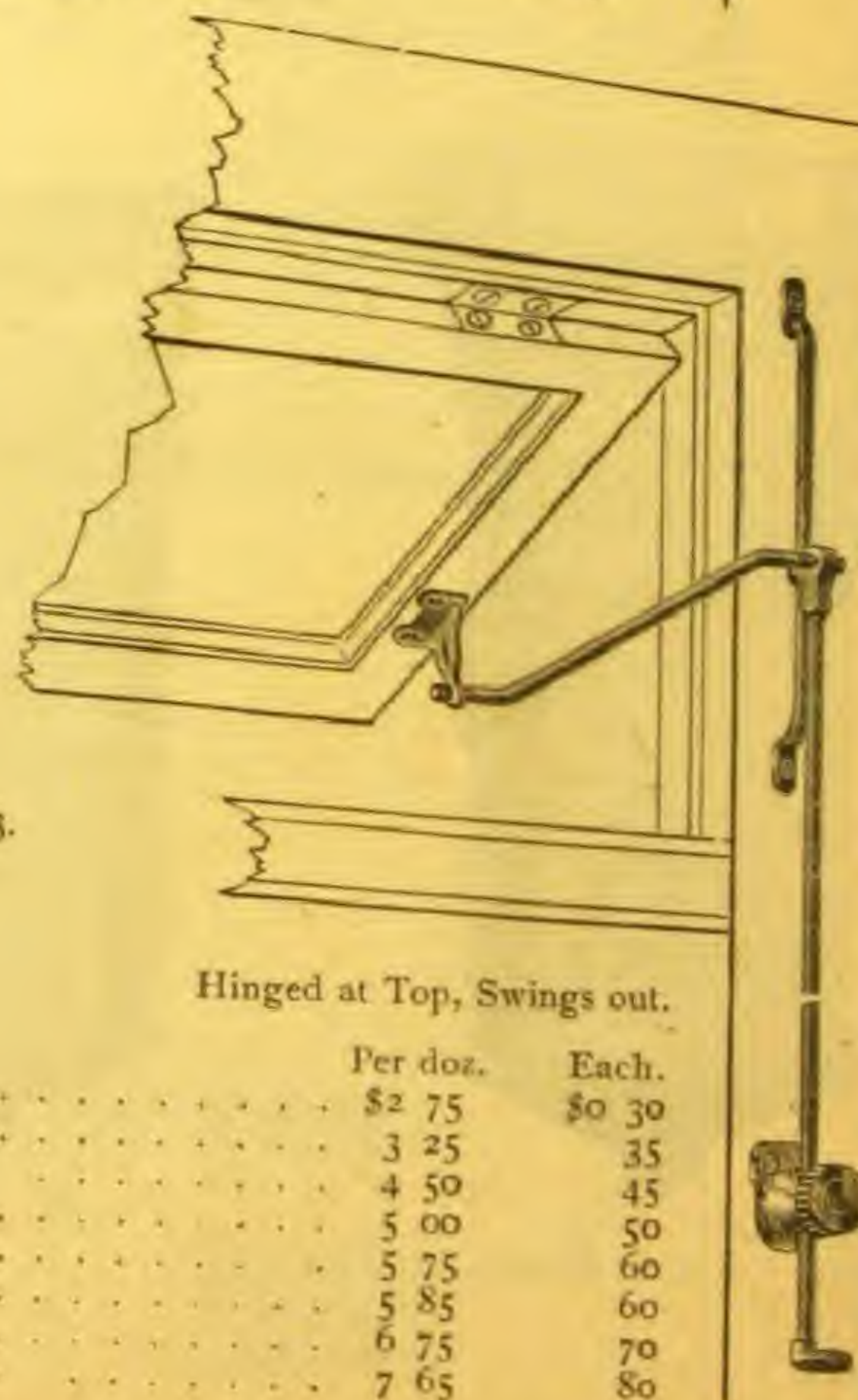


Fig. 3.

Hinged at Top, Swings out.

Per doz.	Each.
\$2 75	\$0 30
3 25	35
4 50	45
5 00	50
5 75	60
5 85	60
6 75	70
7 65	80

SASH

No.
1610. Japan
1611. Extra

No.
1612. Heavy
1613. Bronz
2613. Plain

No.
1614. Copp
1615. "
1616. Bronz

R.



1

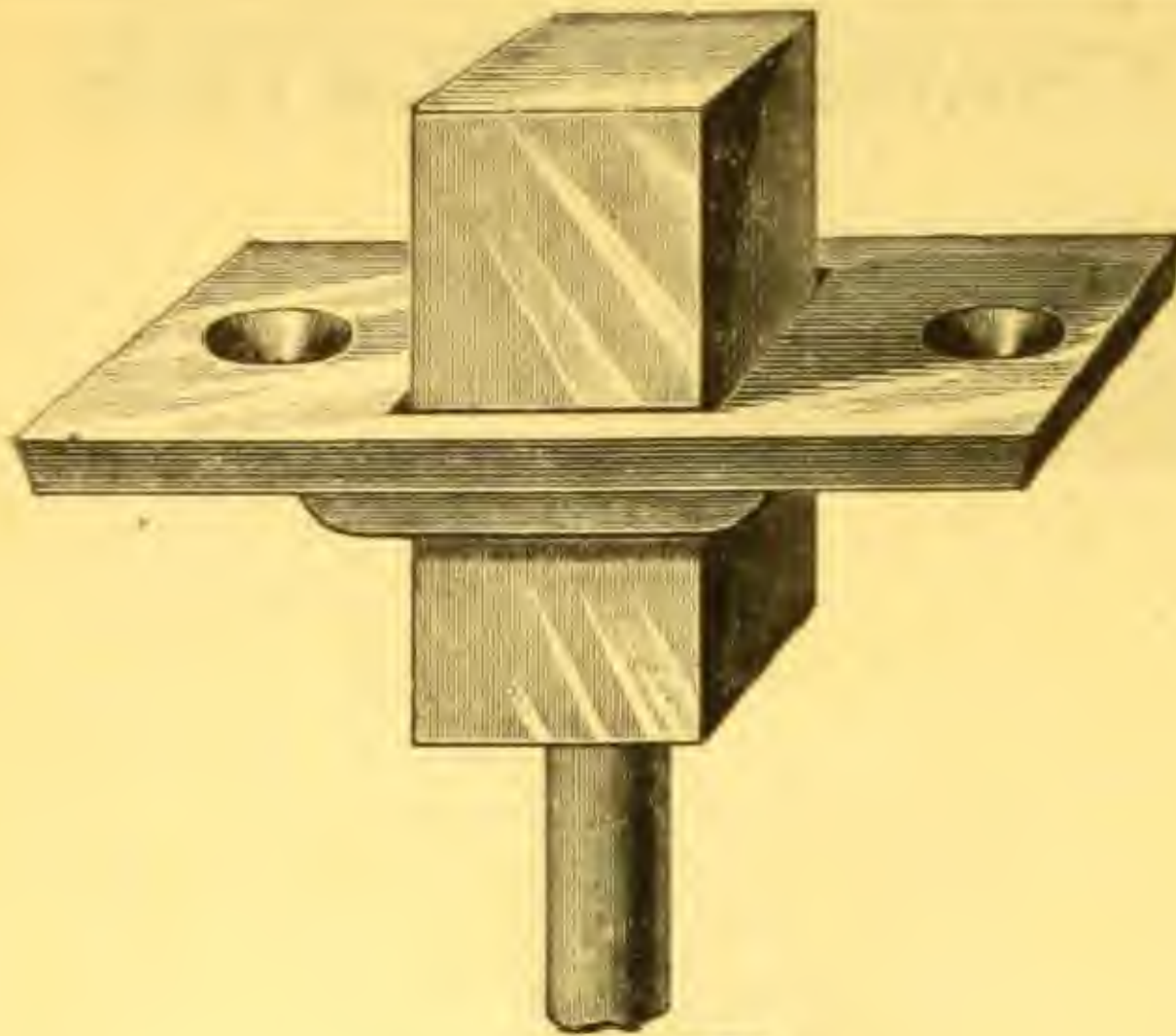
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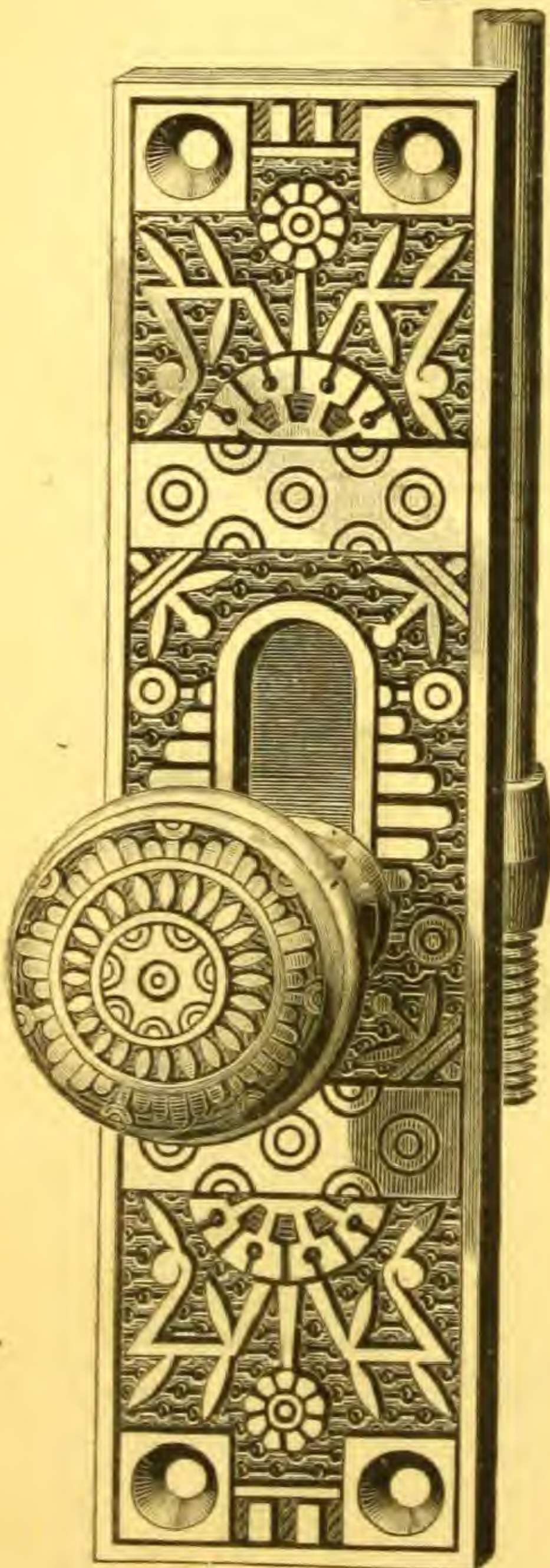
Four pieces constitute a set.



ORNAMENTAL SOLID BRONZE MORTISE FLUSH BOLTS.

No. 1210.

12	18	24	30	36 inch.
\$0 60	\$0 63	\$0 65	\$0 67	\$0 70 each.

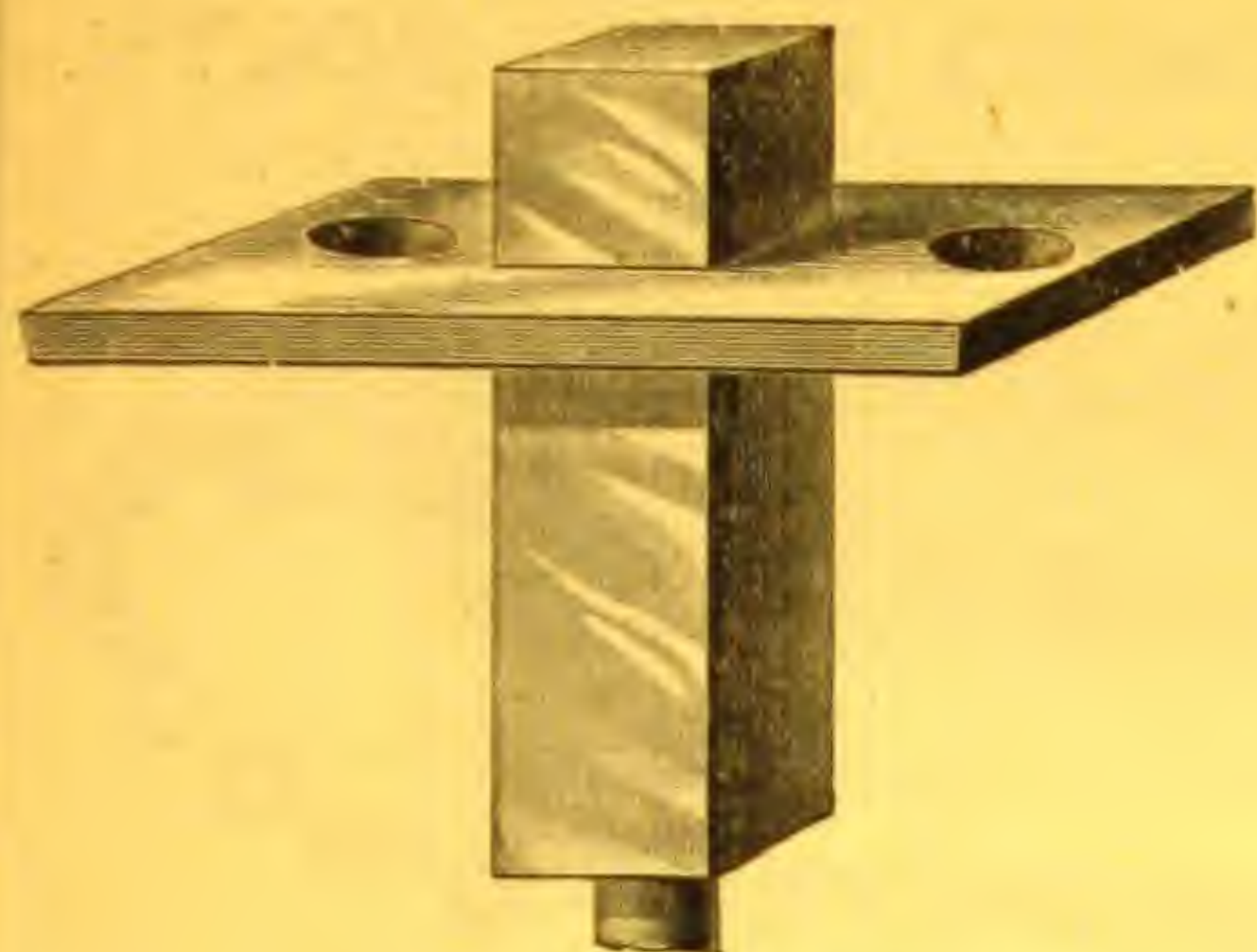


ORNAMENTAL BRONZE PLATED MORTISE FLUSH BOLTS.

No. 1511.

12	18	24	30	36 inch.
\$0 40	\$0 40	\$0 45	\$0 50	\$0 50 each.

No. 1210.



MORTISE FLUSH BOLTS.

PLAIN SOLID BRONZE MORTISE FLUSH BOLTS.

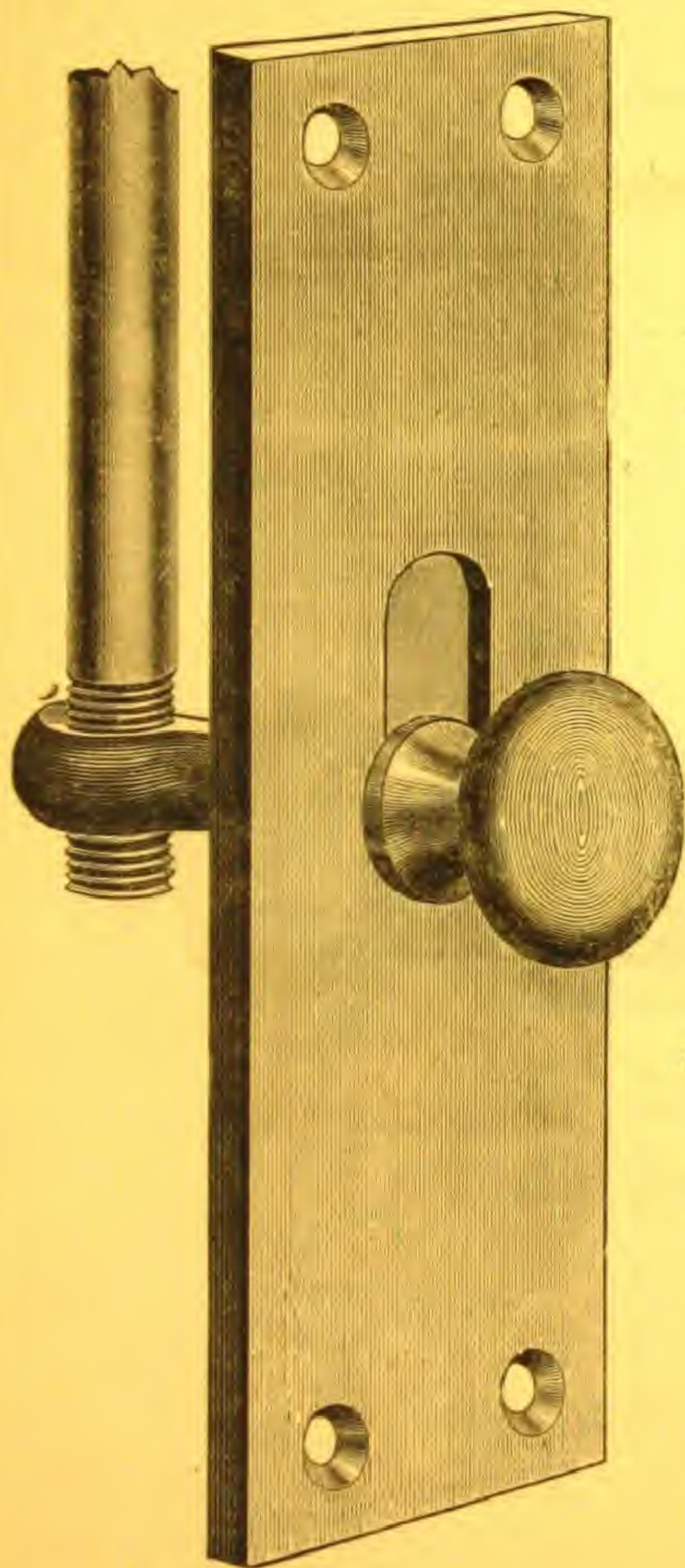
No. 608.

12	18	24	30	36 inch.
\$0 70	\$0 75	\$0 75	\$0 80	\$0 85

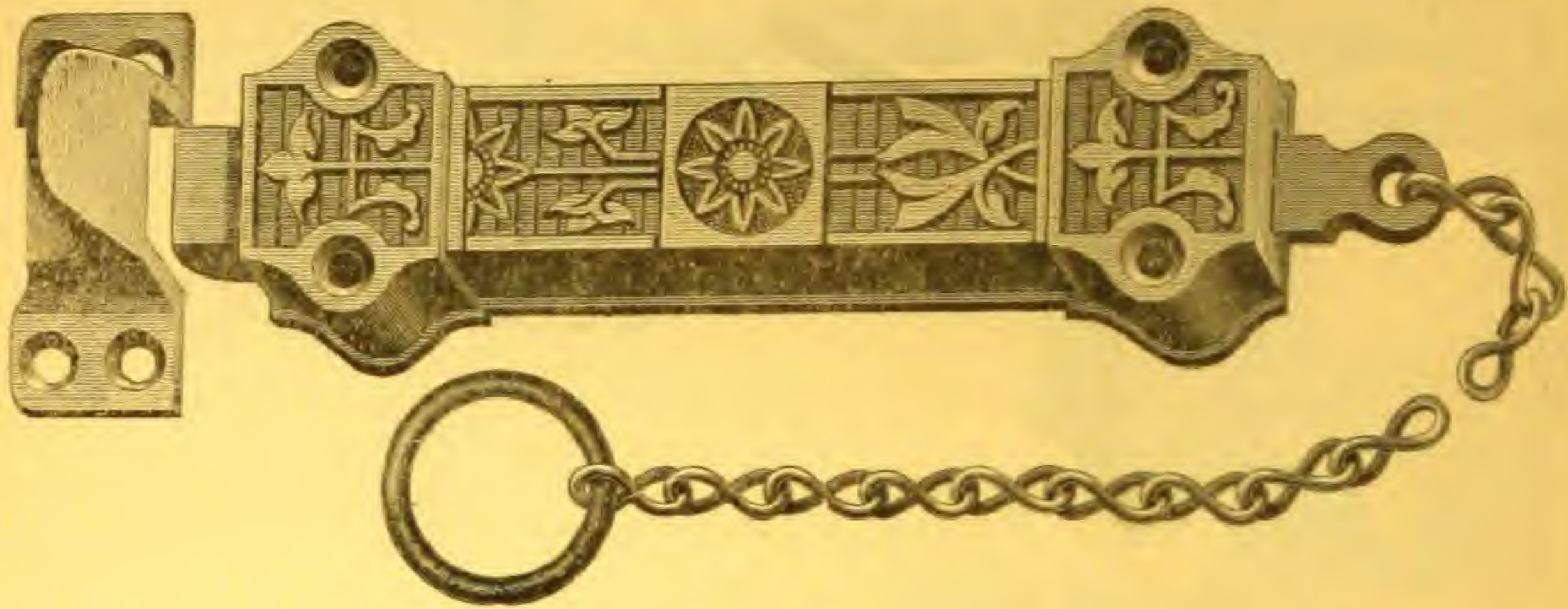
PLAIN BRONZE PLATED MORTISE FLUSH BOLTS.

No. 609.

12	18	24	30	36 inch.
\$0 40	\$0 45	\$0 50	\$0 55	\$0 60



ORNAMENTAL BRONZED DOOR BOLTS.



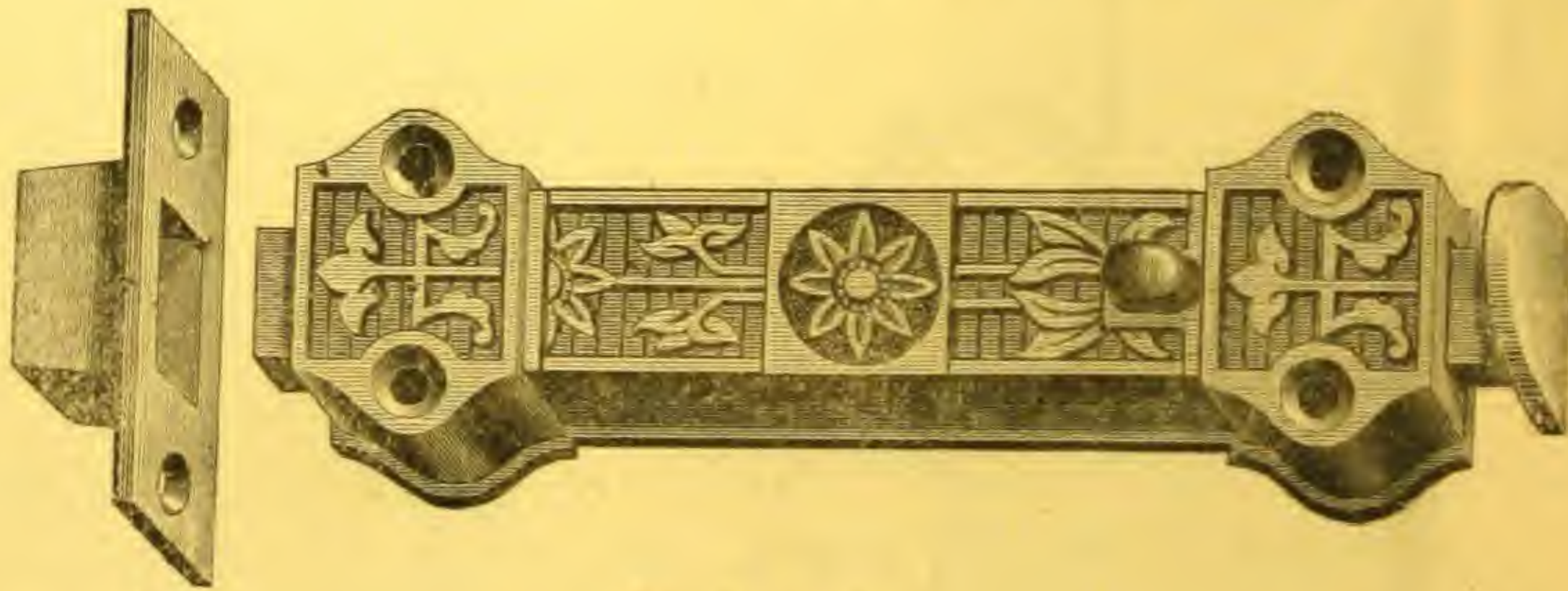
No. 603, 1603.

No. 603. Berlin Bronzed Chain Bolts.

Sizes,	4	6	8 inch.
Per dozen,	\$1 50	\$1 75	\$2 25
Each,	18	20	25

No. 1603. Bronze Plated Chain Bolts.

Sizes,	6	8 inch.
Per dozen,	\$2 50	\$3 00
Each,	25	30



No. 604, 1604.

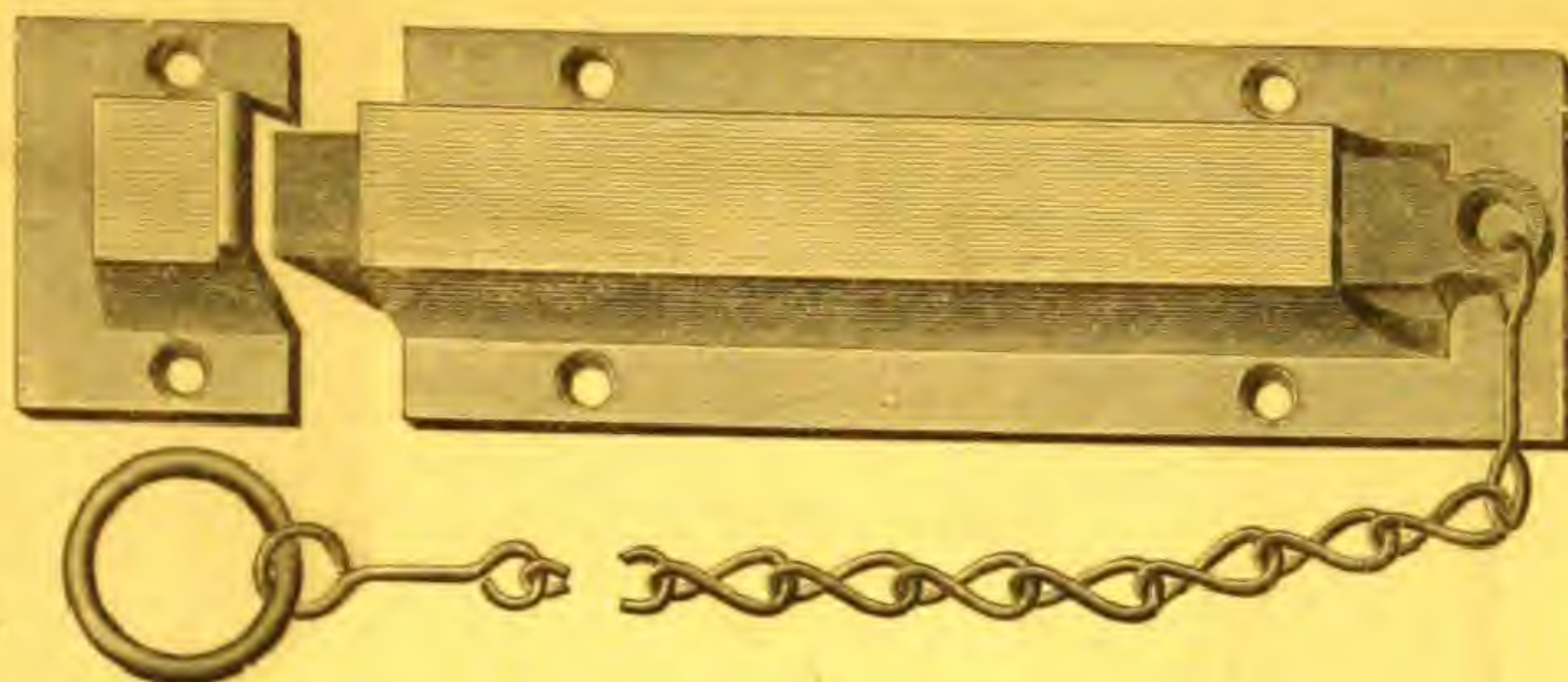
No. 604. Berlin Bronzed Foot Bolts.

Sizes,	6	8 inch.
Per dozen,	\$1 60	\$2 00
Each,	18	20

No. 1604. Bronze Plated Foot Bolts.

Sizes,	6	8 inch.
Per dozen,	\$2 25	\$3 00
Each,	25	30

PLAIN BRONZE DOOR BOLTS.



No. 1616, 1617.

No. 1616. Bronze Plated Chain Bolts.

Sizes,	6	8 inch.
Per dozen,	\$3 20	\$4 15
Each,	32	42

No. 1617. Bronze Metal Chain Bolts.

Sizes,	6	8 inch.
Per dozen,	\$7 50	\$9 25
Each,	75	95



No. 1618, 1619.

No. 1618. Bronze Plated Foot Bolts.

Sizes,	6	8 inch.
Per dozen,	\$3 00	\$3 75
Each,	30	38

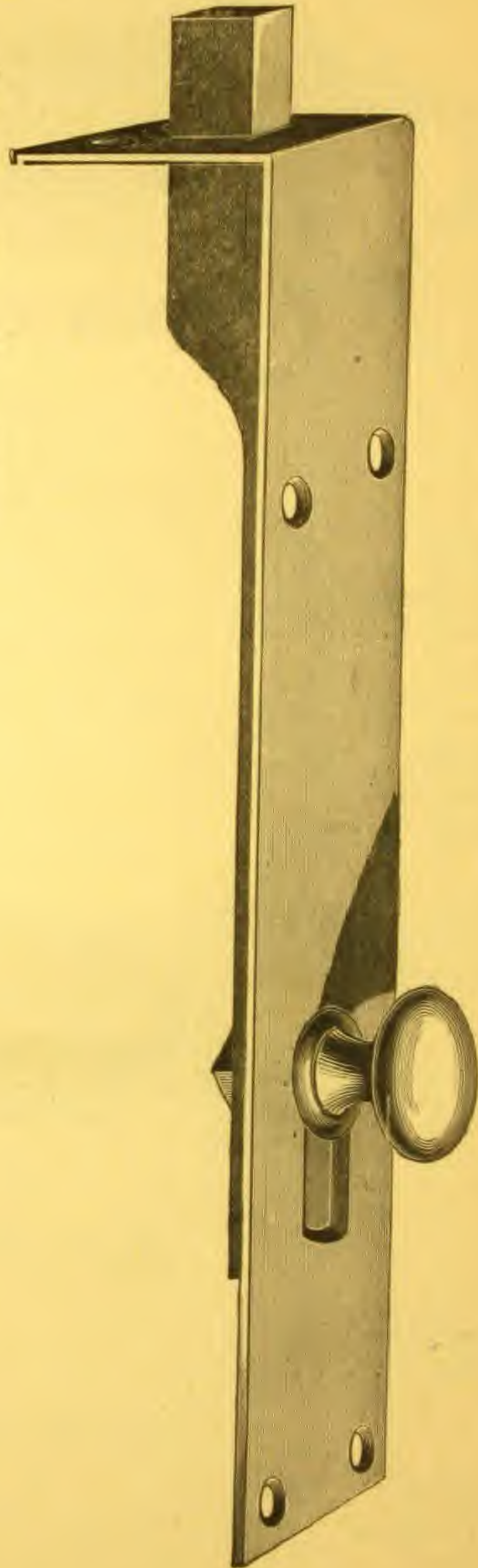
No. 1619. Bronze Metal Foot Bolts.

Sizes,	6	8 inch.
Per dozen,	\$6 75	\$8 50
Each,	70	85

BRONZE PLATED FLUSH BOLTS.



No. 1600. Bronze Wrought Iron Flush Bolts, with Flush Thumb-piece, $\frac{1}{4}$ in. wide,	Sizes,	24 inches.
	Per dozen, Each,	\$7 25 70
No. 1601. Bronze Wrought Iron Flush Bolts, with Projecting Knobs, $\frac{1}{4}$ in. wide,	Sizes,	24 inches.
	Per dozen, Each,	\$6 65 60



Sizes, . . .
Per dozen,
Each, with

Sizes, . . .
Per dozen,
Each, with

Sizes, . . .
Per dozen,
Each, with

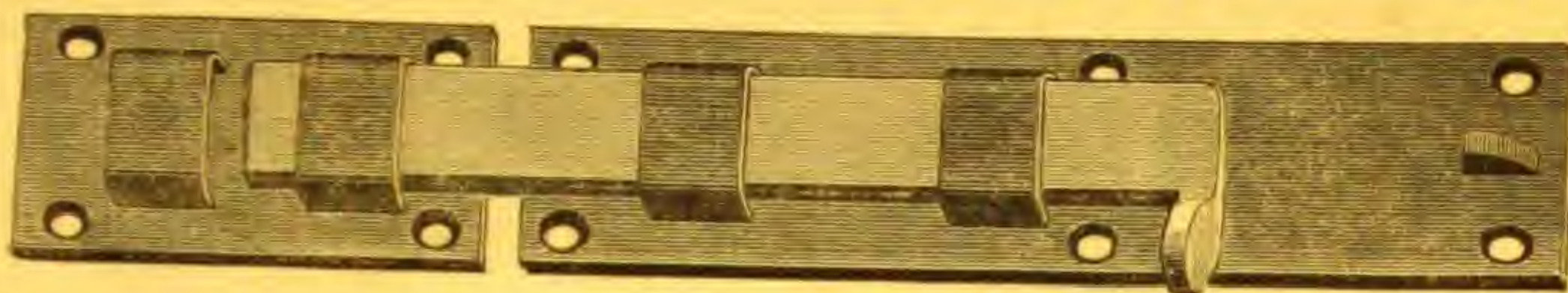
BA

Sizes, . . .
Per dozen,

Sizes, . . .
Per dozen,
Each, with

Sizes, . . .
Per dozen,
Each, with

WROUGHT-IRON SHUTTER BOLTS.



No. 580. Japanned Plate, Galvanized Bolt.

Sizes,	6	7	8	10	12 inch.
Per dozen, without Screws,	\$0 90	\$0 95	\$1 10	\$1 35	\$1 75
Each, with Screws,	12	13	15	18	20

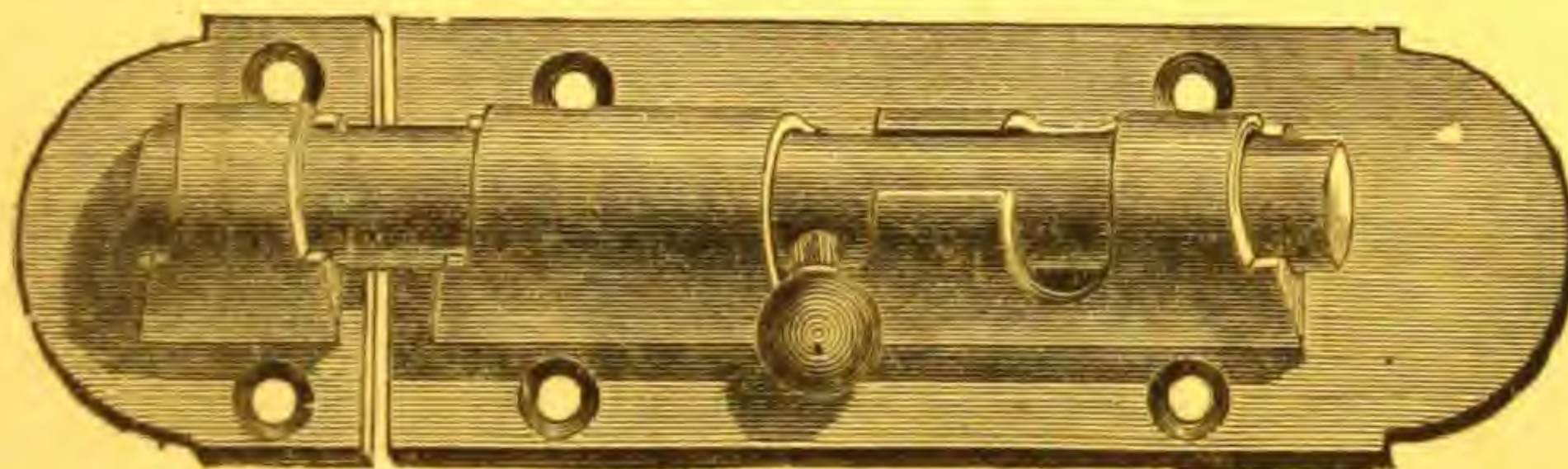
No. 581. All Galvanized.

Sizes,	6	8	10	12 inch.
Per dozen, without Screws,	\$1 10	\$1 40	\$1 80	\$2 10
Each, with Screws,	15	18	22	28

No. 582. Cast Iron.

Sizes,	6	8	10 inch.
Per dozen, without Screws,	\$0 60	\$0 80	\$1 00
Each, with Screws,	10	12	15

BARREL BOLTS WITH BRASS KNOBS.



No. 586. Cast-Iron Barrel Bolts.

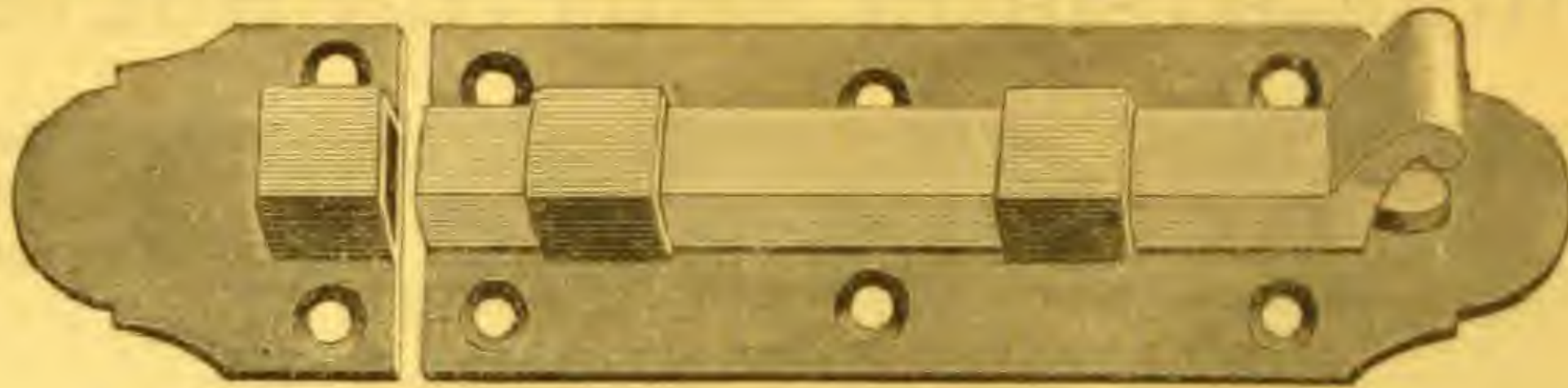
Sizes,	4	5	6	8 inch.
Per dozen, without Screws,	\$0 35	\$0 50	\$0 60	\$0 80

No. 585. Wrought-Iron Barrel Bolts.

Sizes,	4	5	6	8 inch.
Per dozen, without Screws,	\$0 70	\$0 85	\$1 00	\$1 80
Each, with Screws,	10	12	15	20

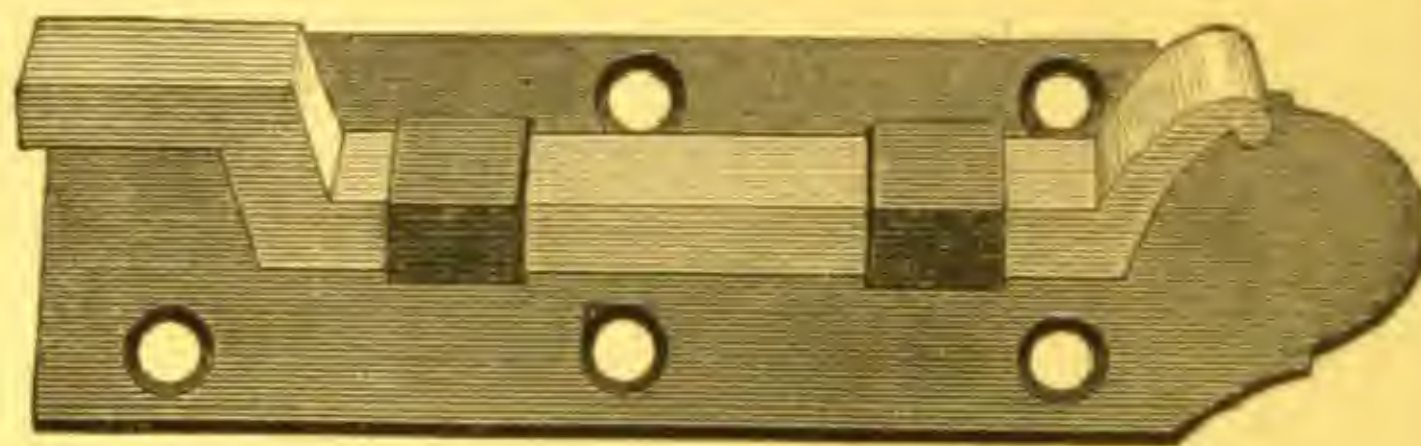
No. 587. Copper Bronzed, Wrought-Iron Barrel Bolt.

Sizes,	3	4	5	6	8 inch.
Per dozen, with Screws,	\$0 95	\$1 10	\$1 25	\$1 50	\$1 90
Each, with Screws,	12	13	15	18	25

WROUGHT-IRON FLAT BOLTS.

No. 566.

Sizes,	2 1/2	3	4 inch.
Per dozen, without Screws,	\$0 40	\$0 45	\$0 50
Each, with Screws,	06	06	07

WROUGHT-IRON NECK BOLTS.

No. 567.

Sizes,	2 1/2	3	4 inch.
Per dozen, without Screws,	\$0 40	\$0 45	\$0 50
Each, with Screws,	06	06	07

HEAVY WROUGHT-IRON SQUARE BOLTS.

No. 568.

Sizes,	4	6	8	10	12 inch.
Per dozen, without Screws,	\$0 75	\$1 00	\$1 50	\$2 30	\$2 80
Each, with Screws,	13	15	22	30	35

HEAVY WROUGHT-IRON SQUARE NECK BOLTS.

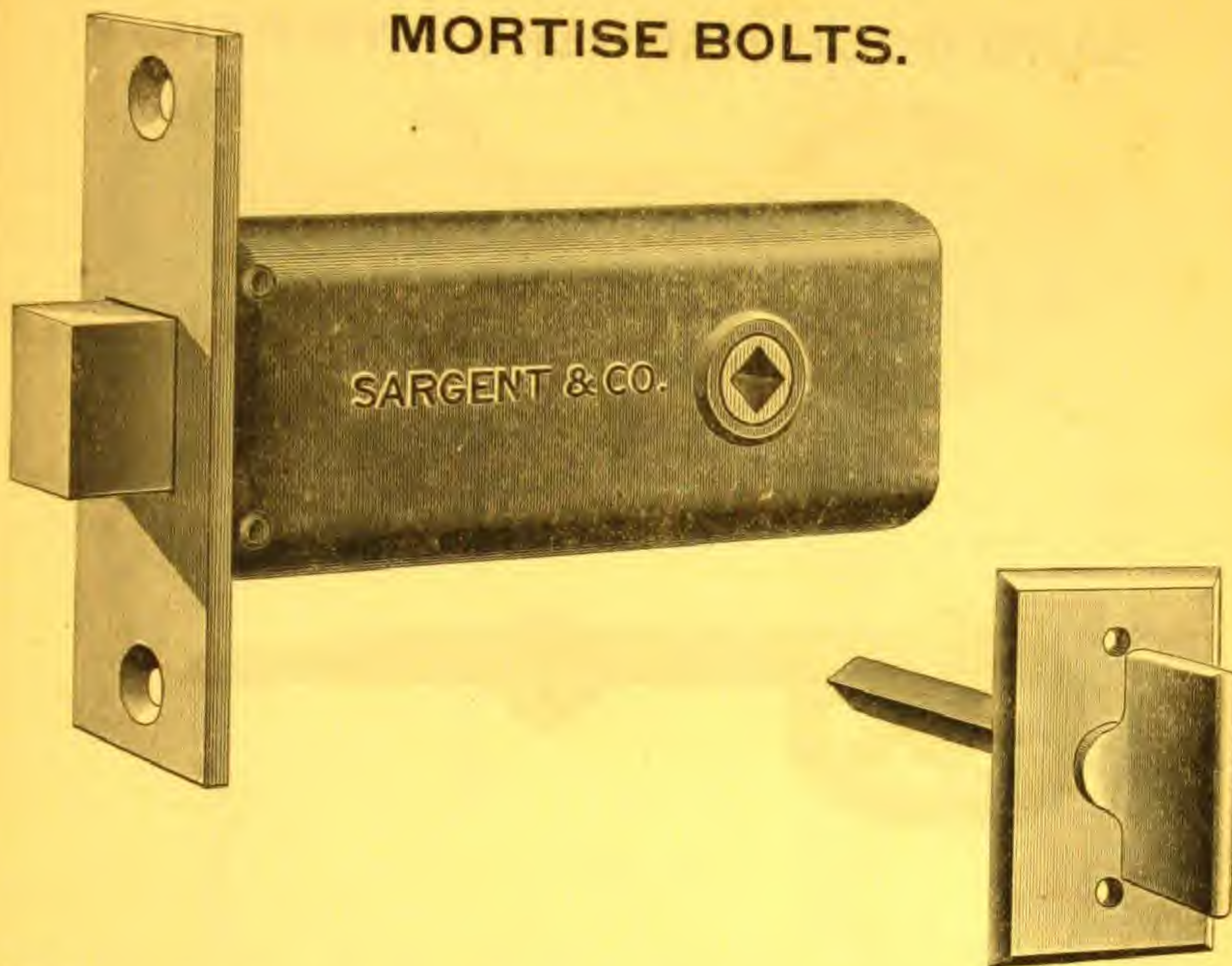
No. 569.

Sizes,	4	6	8 inch.
Per dozen, without Screws,	\$2 00	\$3 00	\$4 00
Each, with Screws,	25	35	45

No.
52. Ornate
Thumb
53. Plain B

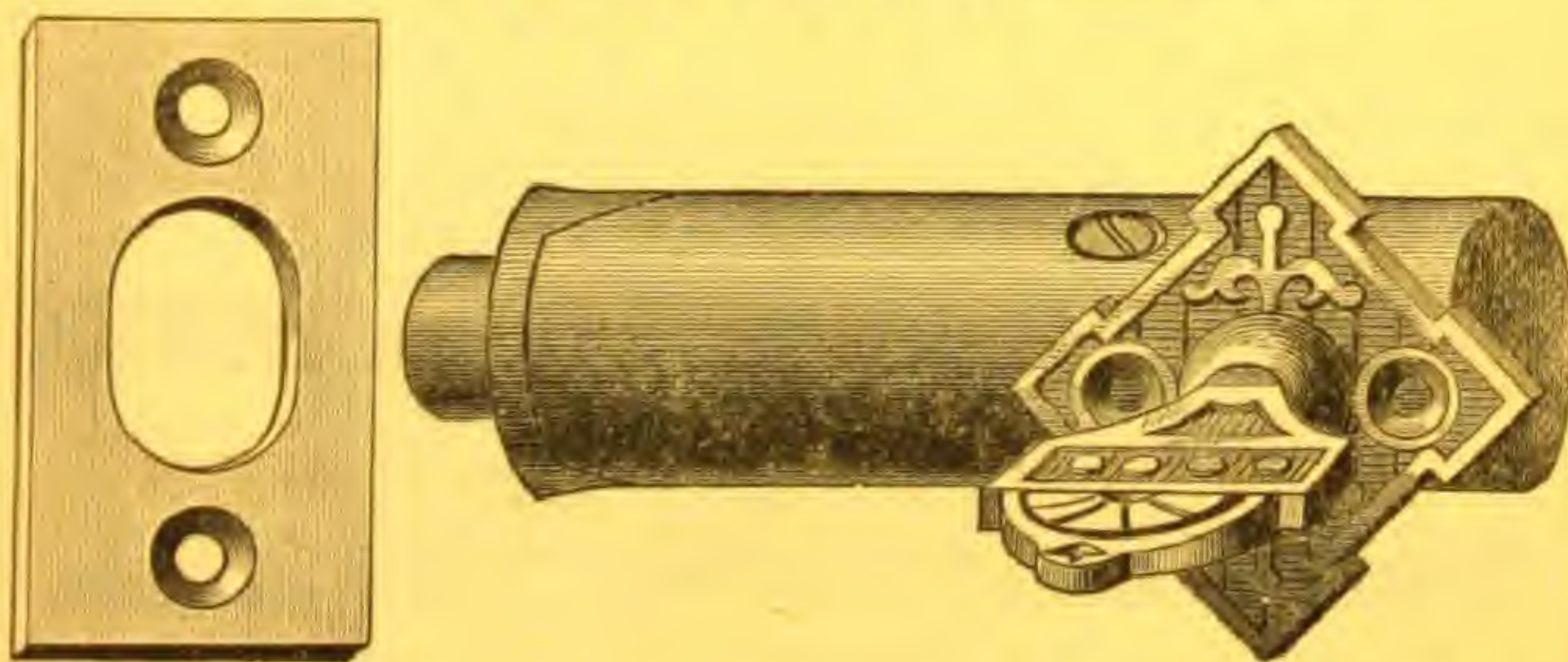
No.
298. Mortis
299. Mortis

MORTISE BOLTS.



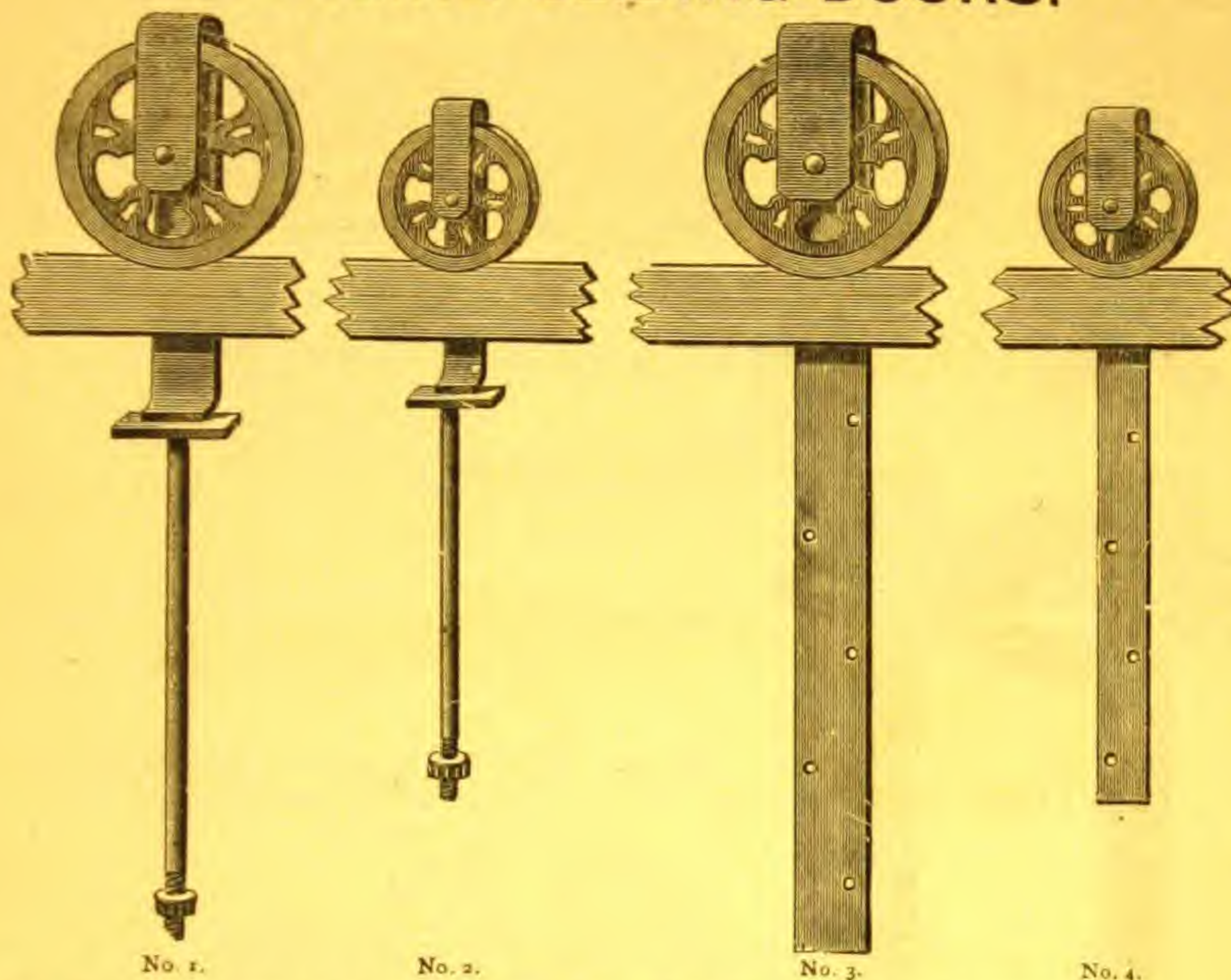
No.		Per doz.	Each.
52.	Ornamental Bronze Front and Striker Plate, Ornamental Bronze Thumb-piece,	\$4 75	\$0 50
53.	Plain Bronze Front and Striker Plate, Plain Bronze Thumb-piece, .	3 50	35

MORTISE DOOR BOLTS.



No.		Per doz.	Each.
298.	Mortise Door Bolts, with Ornamental Bronze Metal Thumb-piece,	\$1 50	\$0 15
299.	Mortise Door Bolts, Plain Bronze Metal Thumb-piece (see No. 53),	1 50	15

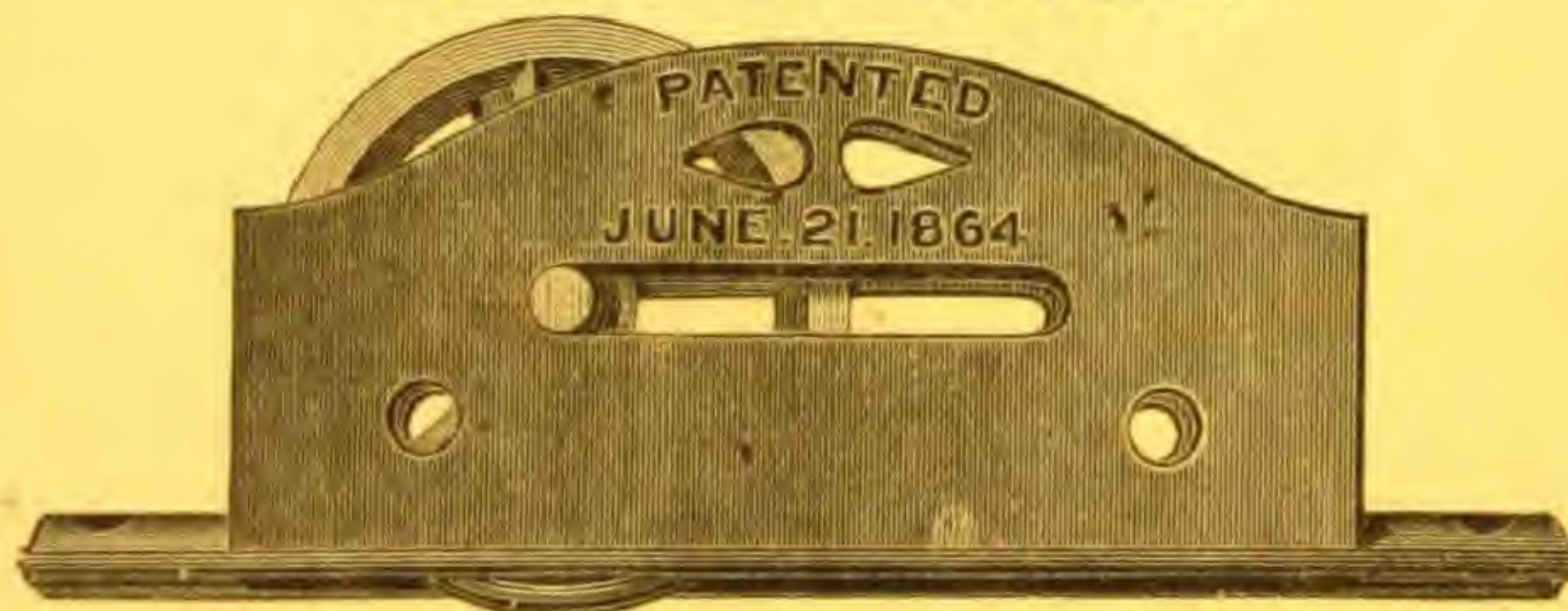
SHANNON'S IMPROVED SHEAVES FOR HANGING SLIDING DOORS.



The Frames are all made entirely of Wrought Iron. The Wheels of Iron with a composition Pin.
 The Rail is a Wrought-Steel Bar, dressed semi-cylindrically or round on the upper edge to fit the Sheave.
 The Rail may be made heavier if desired.

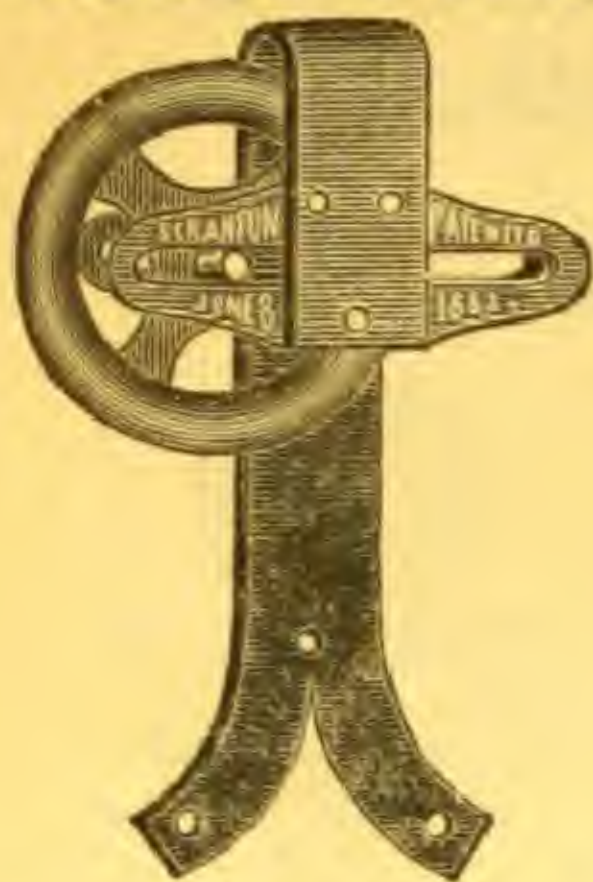
6 inch, No. 1,	each, \$1 00	6 inch, No. 3,	each, \$1 00
4 inch, No. 2,	" 75	4 inch, No. 4,	" 75
Steel Rail, 2x $\frac{1}{4}$,	per foot, 12	Steel Rail, 2x $\frac{3}{8}$,	per foot, 20
6 inch, No. 5, Extra Deep Groove for very Heavy Door, with Hand Rail Nut,	each, 1 25		
6 inch, No. 6, Extra Deep Groove for very Heavy Door, with Wrought Flat Frame,	" 1 25		

HATFIELD'S PATENT ROLLER SLIDING DOOR SHEAVES.



No.	Size.	Sliding Door Sheaves.	Per set of Four.
220.	2 $\frac{1}{2}$ inch,	Hatfield's Sliding Door Sheaves, runs 37 inches,	\$0 80
221.	3 "	" " " " " " 42 "	1 10
222.	4 "	" " " " " " 49 "	1 35
223.	5 "	" " " " " " 63 "	1 60

ANTI-FRICTION SLIDING DOOR SHEAVES.



No. 208.

Anti-Friction Sliding Door Sheaves, with Flat Frame.

No. 208. 5-inch Wheel, Japanned Wrought-Steel Frame, for Doors not more than 10 feet wide, per pair, \$0 85

No. 205. Wrought-Iron Rail, 1x $\frac{1}{4}$ inch, per foot, 06

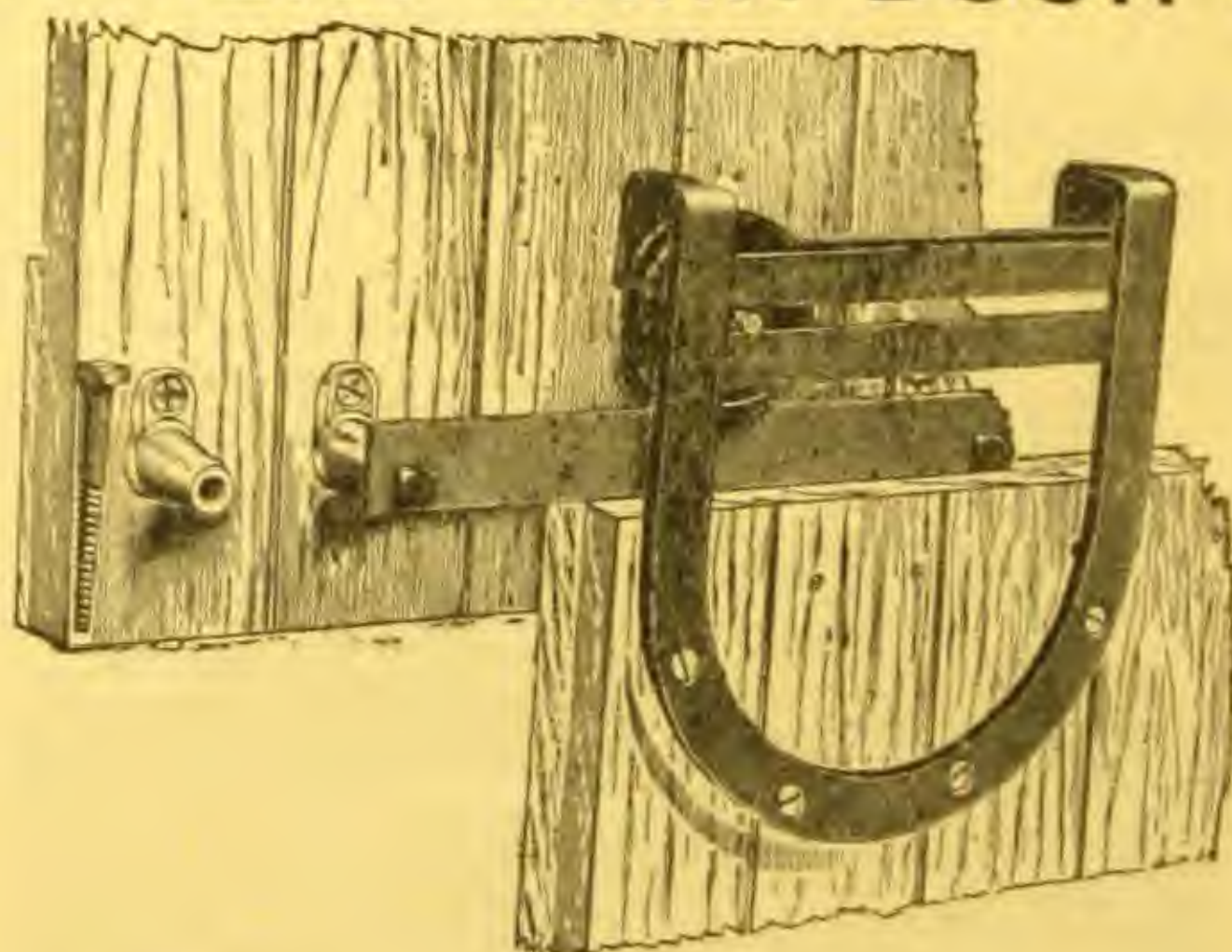


No. 209.

Anti-Friction Sliding Door Sheaves, with Extra Heavy Double Flat Frames.

No. 209. 6-inch Wheel, Japanned Wrought-Steel Frame for Doors 12 feet wide, per pair, \$3 75

LANE'S PATENT BARN DOOR HANGER.



No. Size.

No.	Size.	Per pair, with Screws.
1.	3 inch for Doors to slide 5 feet,	\$0 60
2.	5 " " " 10 "	85
3.	5 " " " 15 "	1 25
4.	6 " " " 15 "	1 40
Track, per foot, in 5 or 10 feet lengths, Brackets included, lag screws extra, per foot,		07
Lag Screws, 4x5-16, per dozen,		16

RIC

All Steel, Sin
No. 219 for L
No. 219 for S

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Full dire
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with Hangers
No. 217. Pe
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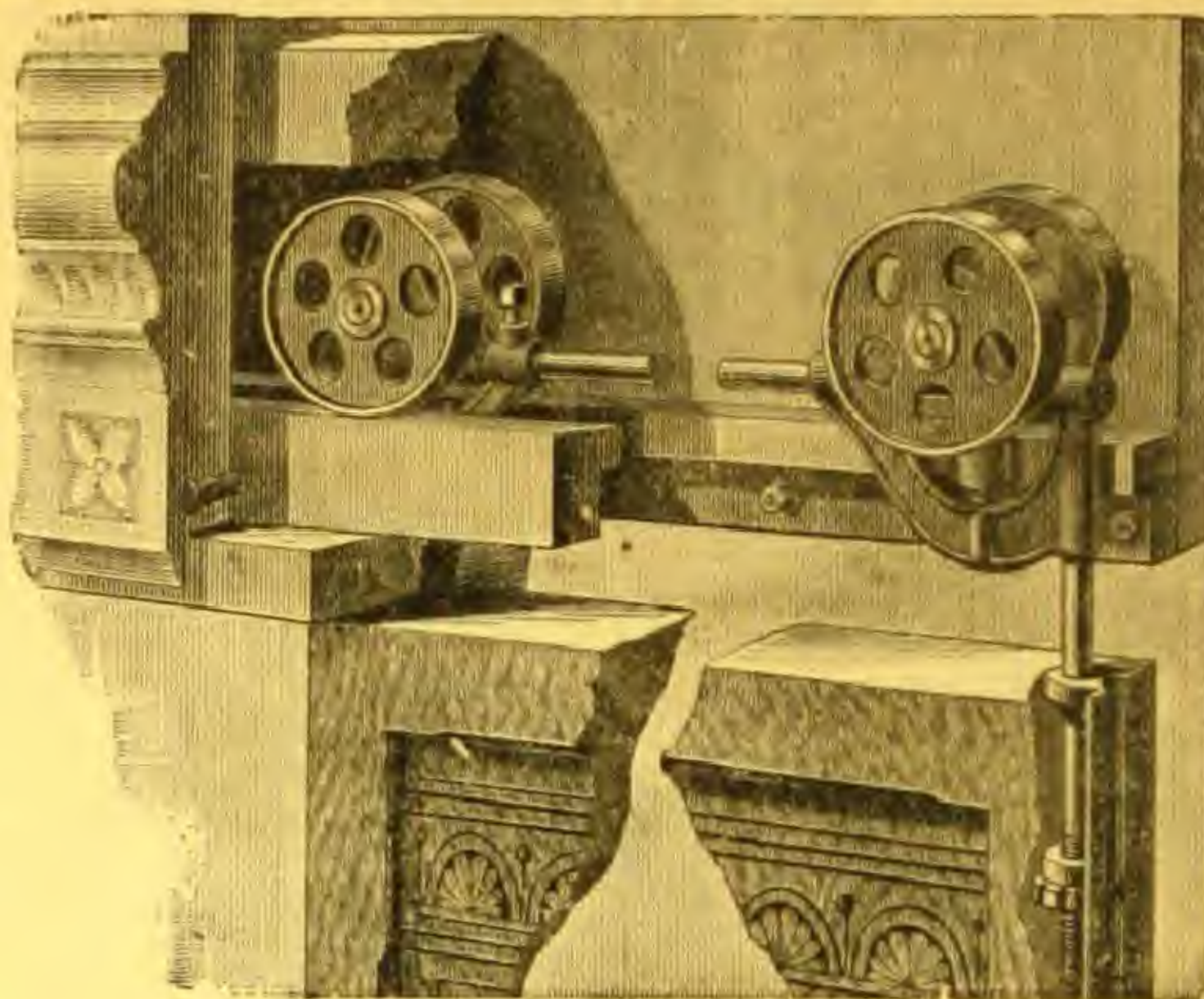
All Steel, Single Track, Noiseless, Anti Friction, Adjustable. No cutting of doors required.

No. 219 for Double Doors, with 14 ft. Track,	per set, \$3 75
No. 219 for Single " " 8 "	" 2 00

A detailed illustration of a mechanical device, likely a portable engine or pump, mounted on a heavy base. The device features a large flywheel with multiple spokes, connected to a horizontal shaft. The base is inscribed with "PRINDLE MFG. CO." and the model number "111". The word "AURORA" is also visible on the side of the frame. The illustration is in a classic, engraved style.

No. 217.	Per set of four, 4-inch Wheel Sheaves and 28 feet of Track,	\$3 00
	Half set for a Single Door,	1 75

WARNER'S PARLOR DOOR HANGER.



Cut shows half a set.

Warner's Parlor Door Hanger. Broad, flat wheels, wood track. Noiseless, anti-friction bearings. Adjustable. By their use the necessity of cutting carpets is obviated. There are no flange wheels to ride or get off the track. There is no iron track on the floor. They are entirely concealed from view. The heaviest doors can be opened and closed with perfect ease. They can be readily adjusted to overcome settling or shrinkage.

No. 215. Per set of four, $3\frac{1}{2}$ -inch Wheel Sheaves and 28 feet of track, \$4 00
 Half set for a single door, 2 25
 With bronzed edge plates, either astragal or flat.

THE IMPROVED WARNER SINGLE TRACK PARLOR DOOR HANGER.



The Single Track is hung to one line of studding, and the Hangers may be put up complete in one-third the time required for others.

In all respects it is unequaled. Rapidity of putting up. Simplicity of construction. Ease and noiselessness of running.

It saves time and material. Trueing one line of studding. Putting up one track. Mortising or cutting studding.

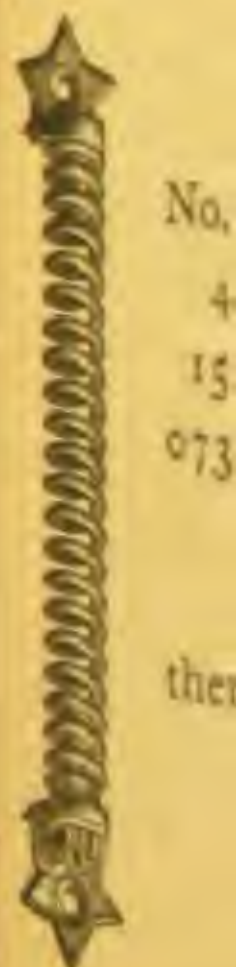
No. 214. For double doors, 4 Hangers and 14 feet of track, \$3 50
 Half set for single door, 2 00



TORR

No.
 1. Torrey
 2. "

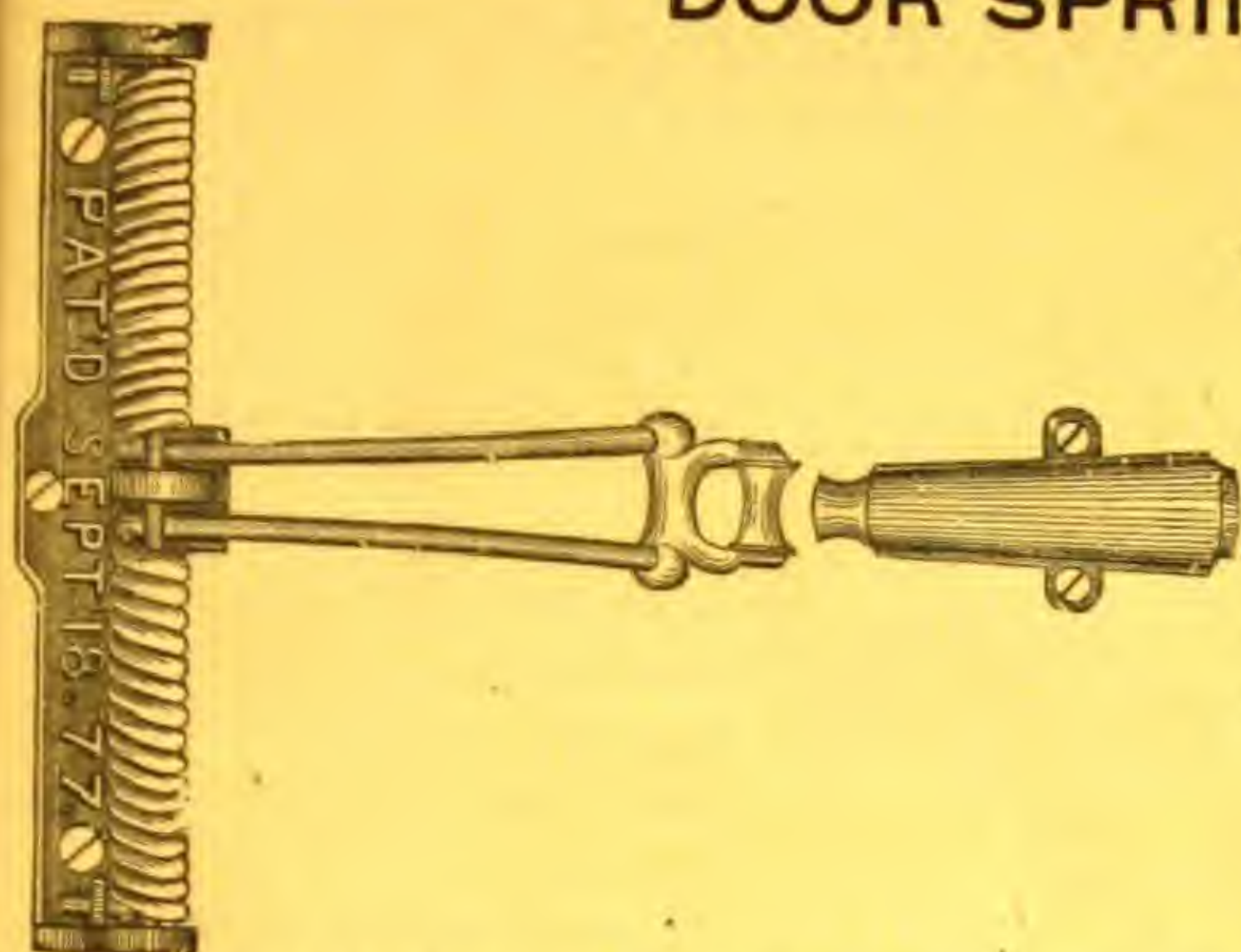
No.
 1. Irons on
 2. Rubber
 3. Irons an



No.
 4
 15
 973

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DOOR SPRINGS.



To be fastened in a straight line with the hinges.

No.	Doz. no Screws.	Each, with Screws.
5. 4½ inch Door Springs,	\$2 60	\$0 30
6. 6 " "	3 25	35
7. 7½ " "	4 50	45

TORREY'S ADJUSTABLE DOOR SPRINGS.

By simply sliding the catch the power can instantly be removed.

No.	Per doz.	Each.
1. Torrey Door Springs,	\$1 50	\$0 20
2. " " extra heavy,	3 50	35



RUBBER DOOR SPRINGS.

Complete and separate.

No.	Per Doz.	Each.
1. Irons only, Japanned,	\$1 00	\$0 10
2. Rubber Bands only,	1 25	15
3. Irons and Bands complete,	2 25	25



STAR DOOR SPRINGS.

No.	Per doz.	Each.
4. 9 inch Star Door Spring, Japanned,	\$0 70	\$0 10
15. 10 " " Coppered,	90	12
073. 9 " " Brass,	3 75	40

These Springs are made of the best materials, and the method of adjusting them is convenient and effective.

Door-Pulls and Finger-Plates in great variety.

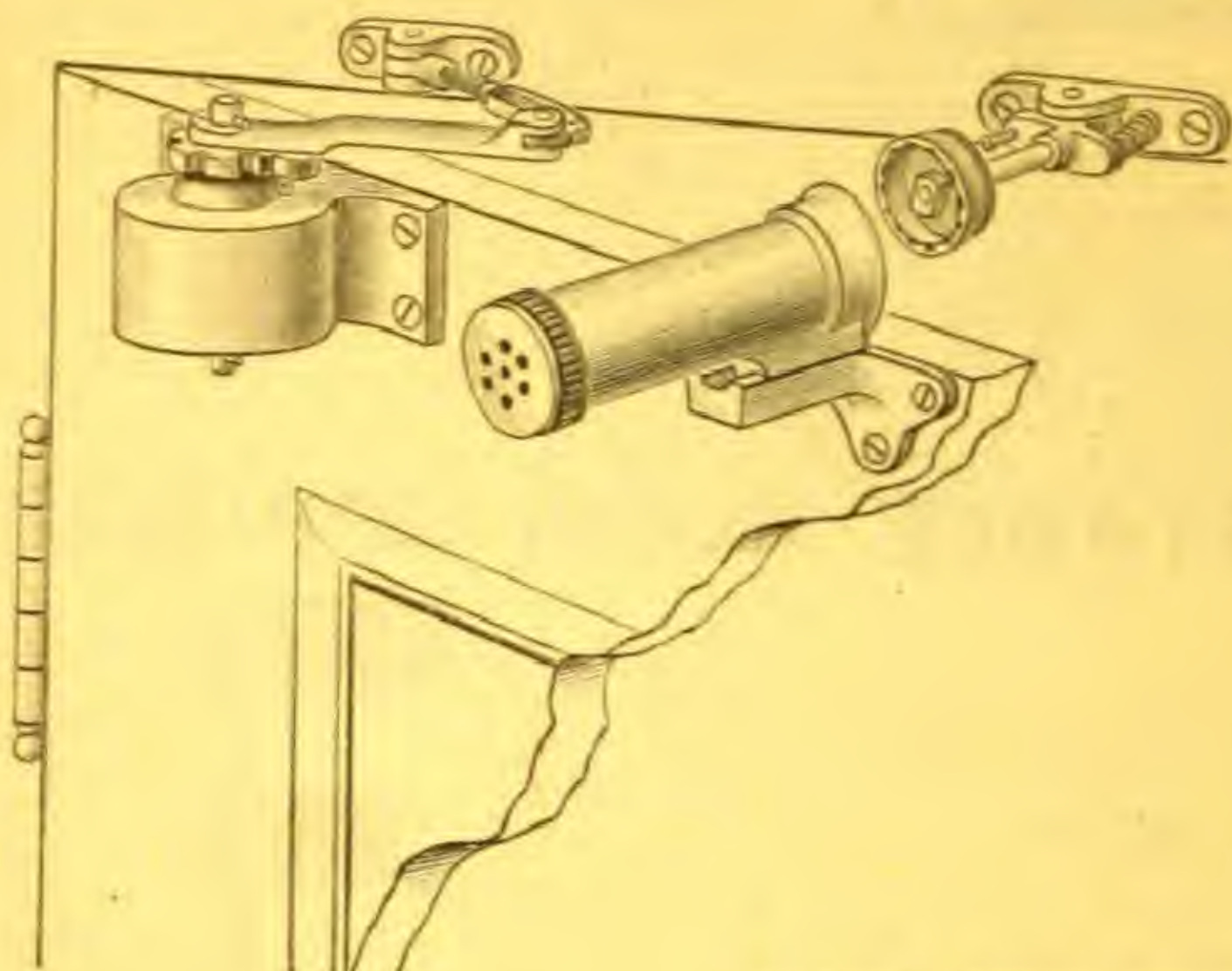


ECLIPSE DOOR SPRINGS AND CHECKS.

Prevents doors from slamming. Saves the hinges from the enormous strain experienced with other door checks. It can be placed on any door. The only door check that allows the door to open wide.

When ordering Eclipse Door Checks, consider the size of the door, not so much the thickness as the weight and the amount of surface exposed to drafts.

1½-inch Check should be used with all inside doors, unless they are unusually heavy, when a 2-inch may be used. Use 1½-inch Check also with ordinary outside doors; for heavy outside doors a 2-inch Check will be more suitable. The 2½-inch Check should be used only on unusually heavy outside doors. If the piston does not work freely the interior of the cylinder should be thoroughly cleaned *with a dry cloth*.



When Cylinder is Fastened to Door.

1. Fasten the *Cylinder* securely to the top of the door, about *two inches* beyond its centre, measuring from the hinge edge, so that the whole of the mouth of the cylinder stands above the door. *See cut.*

2. Insert the *piston* as far as it will go, keeping the little wooden *disk* as near the *mouth* of the cylinder as possible, and *shut* the door.

3. Place the foot of the piston with the *set-screw* side toward the hinges, and in a position parallel with the top of the casing and screw firmly to the casing. *See cut.*

ECLIPSE DOOR SPRINGS.

No. 1251.	For Inside Doors,	Each, \$0 70
" 1253.	For Heavy Inside or Light Outside Doors,	" 1 00
" 1255.	For Heavy Outside Doors,	" 1 40
" 1257.	For Very Heavy Outside Doors,	" 2 00

ECLIPSE DOOR CHECKS.

No. 1223.	For Ordinary Doors, 1½ inch,	Each \$1 60
" 1225.	For Heavy Doors, 2 inch,	" 2 15
" 1227.	For Very Heavy Doors, 2½ inch,	" 3 00

NORTON DOOR CHECK AND SPRING.

The slamming of doors and the breaking of glass rendered impossible by the use of the new improved Norton Door Check and Spring.



This device consists of a Cylinder, Piston, Spring, and Self-adjusting Valve. It is provided with suitable brackets, and is adapted to be attached to the TOP PART of a door and the FRAME OVER the door. In it are two great powers, namely: the SPRING, which is sure to close the door—drawing the hardest when it is nearest closed—and the CHECK, OR THE CUSHIONING OF THE PISTON ON AIR, which brings the door to a stop for an instant near the jamb, then quietly but surely closing the door and latching it by the operation of the Spring, being regulated by the Automatic Valve, which permits the Air to enter the Cylinder freely while opening the door, and while closing exhausts the Air more or less, as the force exerted on the door to close it is greater or less.

PRICE-LIST.

No. 0.	Suitable for doors not exceeding 4 feet in width by 3 inches in thickness,	\$8 00
" 1.	" " " 3½ feet in width by 3 inches in thickness,	6 00
" 2.	" " " 2 feet 8 inches in width by 2 inches in thickness,	5 00
" 3.	" " " 2 feet 6 inches in width by 1½ inches in thickness,	4 00
" 4.	For screen and other light doors,	4 00

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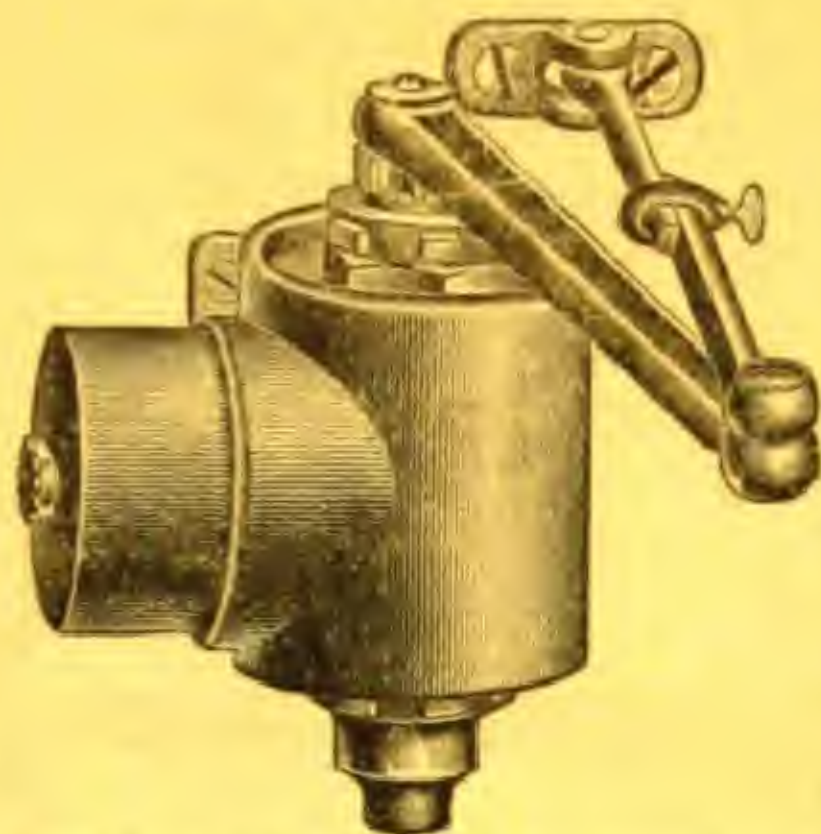
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No. 1 " "
No. 2 " "
No. 3 " "

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THE CORBIN LIQUID DOOR CHECK AND SPRING.



It is noiseless, strong, durable, perfect. Sure to close the door without slamming.

With a Corbin Check attached, the door opens with such slight resistance that one would hardly notice it, which is a very pleasing feature, and especially appreciated by the aged or weak, as well as by the strong. It is noiseless in working, and positive in action. The checking power is controlled by a regulating screw on the side of the cylinder, which can be quickly adjusted so as to close the door at any speed desired and make slamming of doors absolutely impossible.

The tension, or closing power of the spring, can readily be increased, decreased, or removed entirely, without disarranging any other part of the Check.

The arms are connected by a ball joint, which prevents the Check from binding in case the door sags, or swings out of line. The bearings are very few, large, and strong. By means of the extension arm, this Check can be accurately attached to either flush or projecting finish.

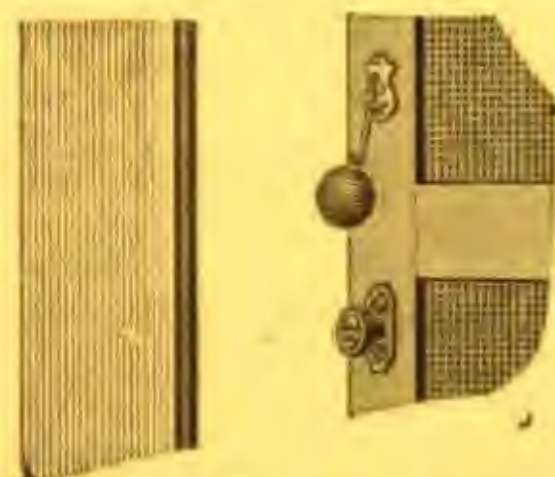
PRICE LIST.

In determining SIZE of SPRING AND CHECK to be used on OUTSIDE and THROUGH HALL DOORS, STRONG WINDS and DRAUGHTS must be considered.

Under ordinary conditions the following will apply:

No. 0	is suitable for Screen Doors,	each, \$2 40
No. 1	" " " inside doors not over three feet wide; and narrow outside doors,	" 3 50
No. 2	" " " largest inside doors; and outside doors not over three feet wide,	" 4 75
No. 3	" " " the largest doors anywhere,	" 6 50

THE "NO SLAM" SCREEN DOOR CHECK.



Showing Door Closing.



Showing Door Closed.

No. 1.	"No Slam" Screen Door Check,	each, \$0 25
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This is an automatic Check, for Screen and other light doors, which can be applied in connection with any Door Spring or Spring Hinge. It has a Solid Rubber Ball, Nickel-plated Trimmings, and is a durable Check which will not rack the door. Packed with simple directions for applying; complete with screws.

ENGINE HOUSE DOOR SPRINGS.



To any one who has seen the rapid preparation made for getting an engine to the scene of a fire after an alarm has been sounded, it will be plain that the efficiency of the department in some measure depends upon how suddenly the door can be opened automatically. Systems vary somewhat as between different cities, although in the main they agree. The original alarm moves the lever, which releases

the horses and opens the stable doors. The horses rush out and place themselves alongside the pole of the engine. At the same instant, men are ready

to hook the traces and attach the breast chains. By this time the driver is on his seat and the enginemen in their places. All is ready for the door to open. The driver reaches above his head, pulls a ring attached to a rope that releases the front doors, which in turn swing open by the force of some such spring as we show. It is evident that considerable power is required in a spring for this purpose, for as the doors start to open the horses rush forward as though it were not possible for anything to be between them and the street. If the doors should fail to swing clear back, there would at once be either an engine or a door requiring considerable repairs. When it is considered that from the time the alarm is sounded until the engine is out of the house only eight, or, at the most, ten seconds have elapsed, it will be seen how necessary great strength and efficiency of parts become.

Suitable for any door where a strong, durable spring is required, made of the best quality of steel, in three sizes. By their construction these springs are adapted to swing open or to close a door.

As the arm is now arranged it is intended to close a door, and if the spring is wanted to open a door, place the arm on the other side of the pulley.

No. 921.	Spring, made of $\frac{1}{4}$ inch steel wire, whole length 24 inches,	each, \$3 00
" 922.	" " $\frac{5}{16}$ " " " " 30 "	" 4 00
" 923.	" " $\frac{3}{8}$ " " " " 36 "	" 5 50

We can furnish these springs with copper bronzed bearings and nickel-plated springs, as follows:

No. 921,	. . . . .	each, \$4 75
" 922,	. . . . .	" 6 00
" 923,	. . . . .	" 7 75

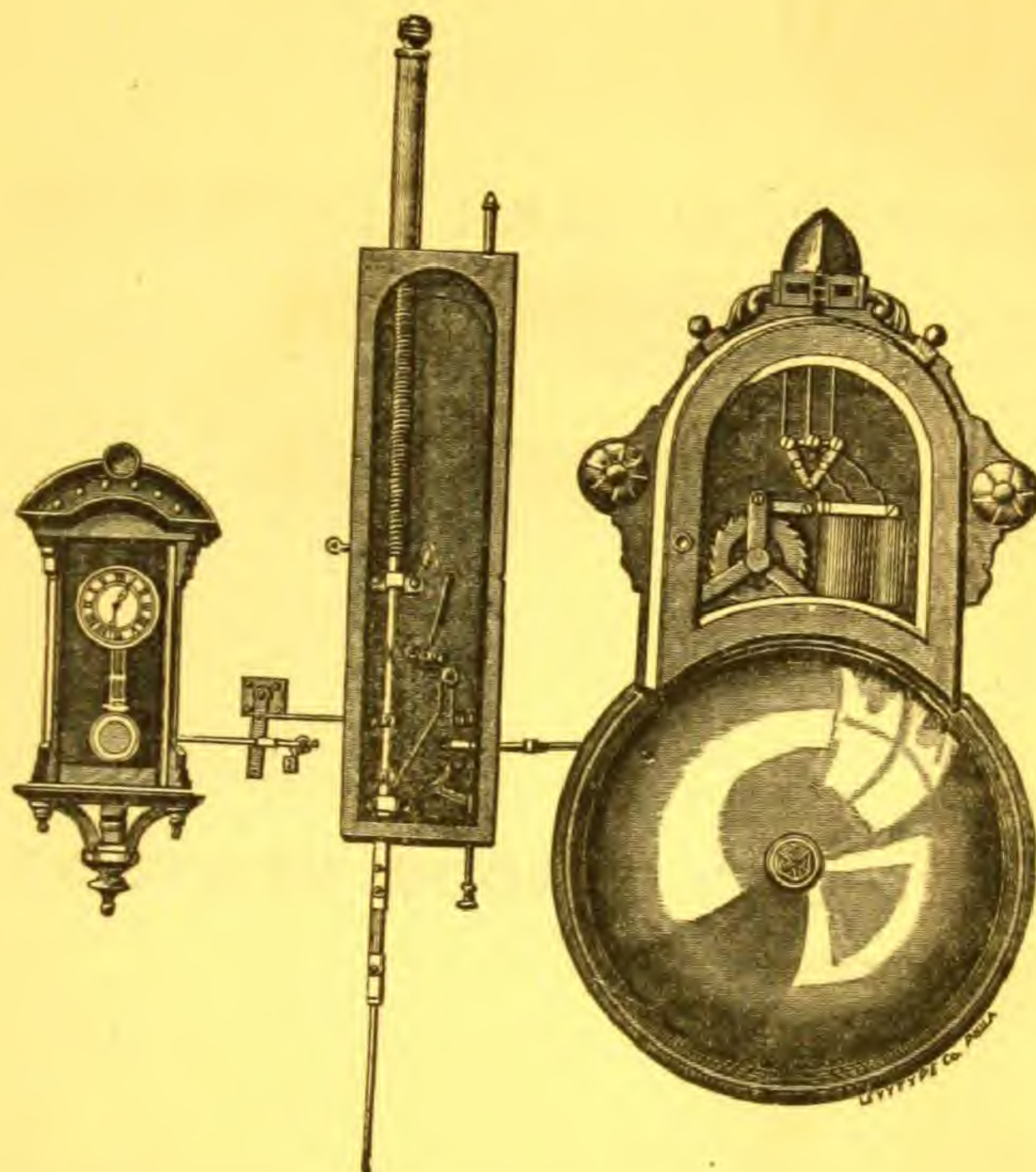
Our improved check attachment for holding the door open can be applied to springs at the following additional cost:

No. 921,	each, \$1 00
" 922,	" 1 25
" 923,	" 1 50

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No. 920

ENGINE HOUSE TRIPS.



The Engine House Trip is used in connection with the Electric Fire Alarm System, for the purpose of shortening the time required to make ready to leave the house after an alarm comes in. The trip is placed alongside the alarm bell, and by the first backward motion of the hammer of the gong, preparatory to striking, the automatic trip lever is freed, which throws the stall doors open, also stopping the clock at the same instant, showing the exact time the alarm comes in. The whole connection is made by simply pulling down the lever at the lower end of the case. It can be arranged to light the gas if desired. It is simple in construction and not likely to get out of order. We take pleasure in referring to Chief Engineer Jas. C. Baxter, Jr., of the Philadelphia Fire Department; Captain Geo. R. Stillman of the Fire Insurance Patrol, Philadelphia; A. C. Hull, Supt. Fire Patrol, New York City; Keystone Hook and Ladder Company, Reading, Pa; Vigilant Fire Company, York, Pa; Chief Engineer A. Fernandez, Savannah, Ga.; Delaware Fire Company, Wilmington, Del.; Goodwill Fire Company, Trenton, N. J.

No. 920. Engine House Trip, \$25 00

REVOLVING WINDOW VENTILATORS.



These Ventilators are entirely noiseless; they are used to prevent Steam and Frost on Show Windows.

No.	Each.
870. 6½ inch, Brass Ventilators, with Storm Caps,	\$1 60
871. 8½ " " " " " " " "	2 75

PERFECTION SASH VENTILATOR.



Open.



Shut.

No. 842. 2x9 inch Perfection Sash Ventilator, Gold Bronzed, Each, \$1 25

It is close-shutting, and when open directs the air upward, preventing draught upon persons near it.

It is easily operated and cannot be put out of order.

It can be readily set in place, and is highly ornamental as well as useful.

QUAKER CITY WINDOW VENTILATOR.



INSIDE VIEW.

The Quaker City Window Ventilator is intended to be placed directly under the Sash. The Tin Tubes direct the fresh air upward, preventing draught upon persons near the Ventilator; by means of a damper the amount of fresh air admitted can be regulated or closed off entirely.

4 inch Pipe adjustable to suit all ordinary size windows, made of Ash,	
Oak, or Walnut,	Each, \$4 00
5 inch Pipe adjustable to suit all ordinary size windows, made of Ash,	
Oak, or Walnut,	Each, \$5 00

SQUA

Size of Op

Inch

6x8

6x1

8x1

8x1

9x1

10x1

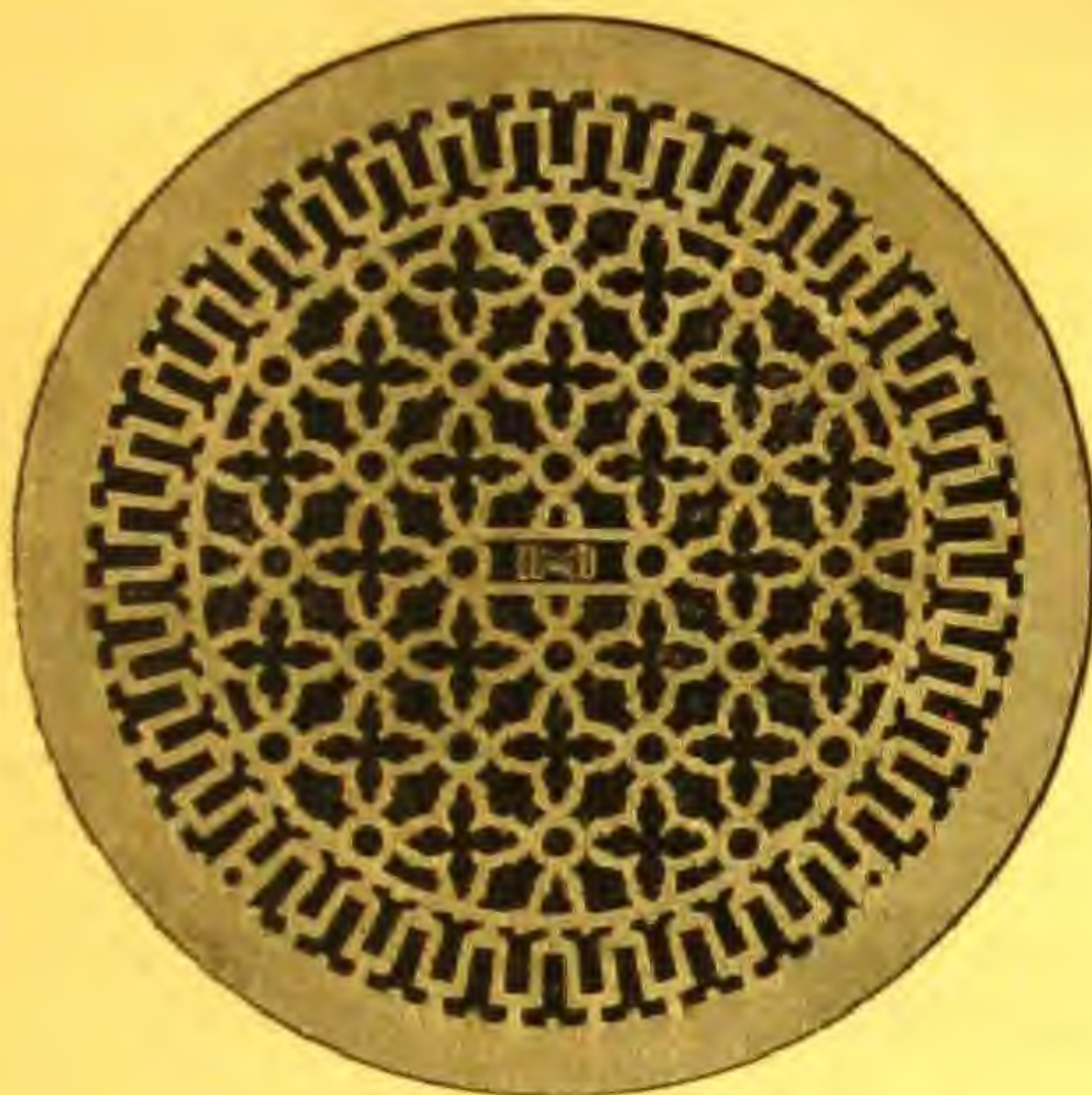
10x1

10x1

12x1

12x1

REGISTERS.



ROUND REGISTERS, SLIDE CENTRE.

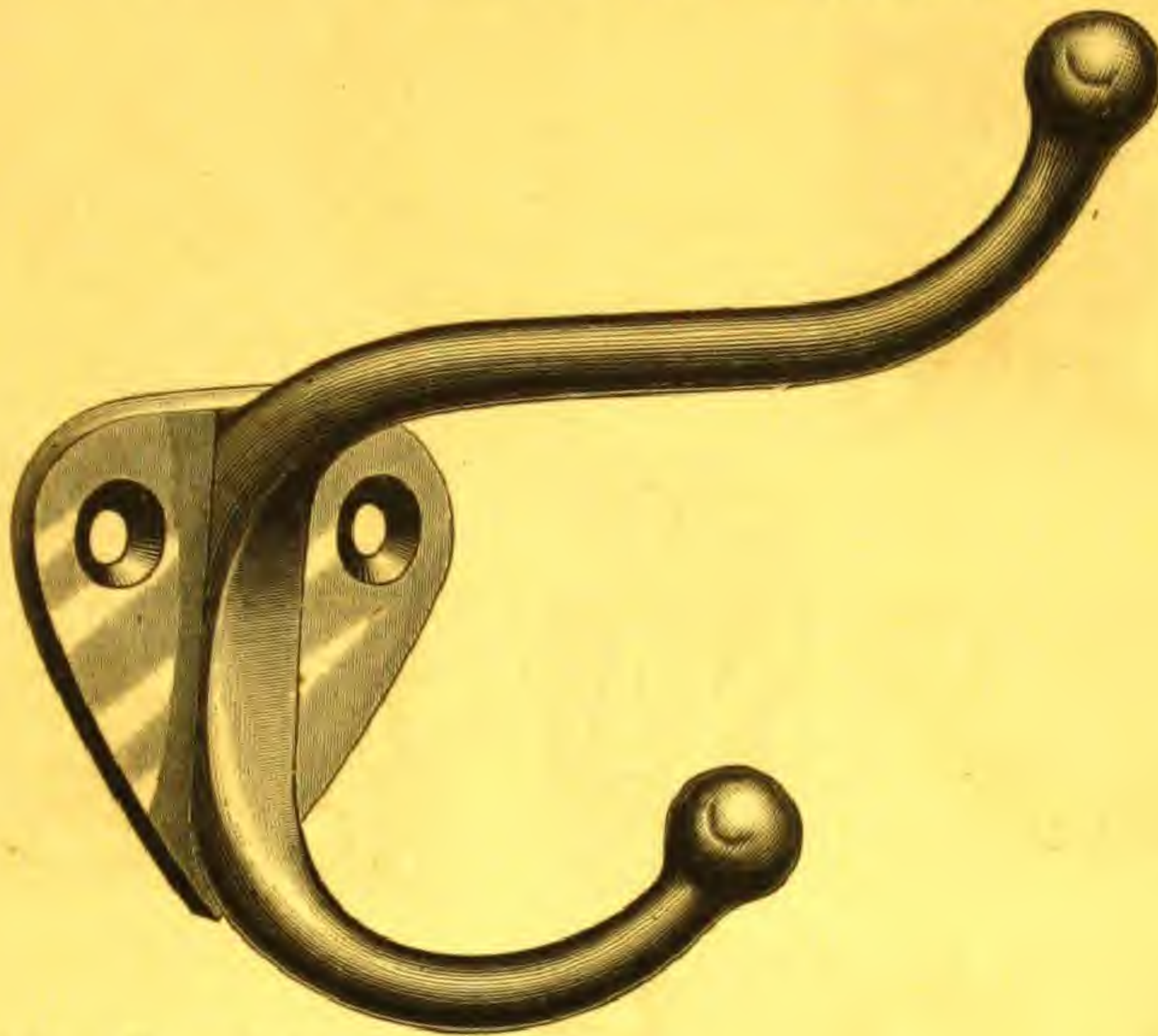
Size of Opening Inches.	Description.	Black Japanned.	
		Reg. No. 400.	Reg. Face.
6.	Registers,	\$0 45	\$0 16
7.	Registers,	50	20
8.	Registers,	65	22
9.	Registers,	75	27
10.	Registers,	95	34
12.	Registers,	1 20	50

SQUARE REGISTERS, VERTICAL WHEEL.

Size of Opening Inches.	Black Japanned.	
	Register No. 600.	Register Face.
6x8,	\$0 65	\$0 22
6x10,	70	24
8x10,	85	29
8x12,	95	34
9x12,	1 10	42
10x12,	1 30	50
10x14,	1 45	62
10x16,	1 60	72
12x15,	2 00	80
12x17,	2 25	94

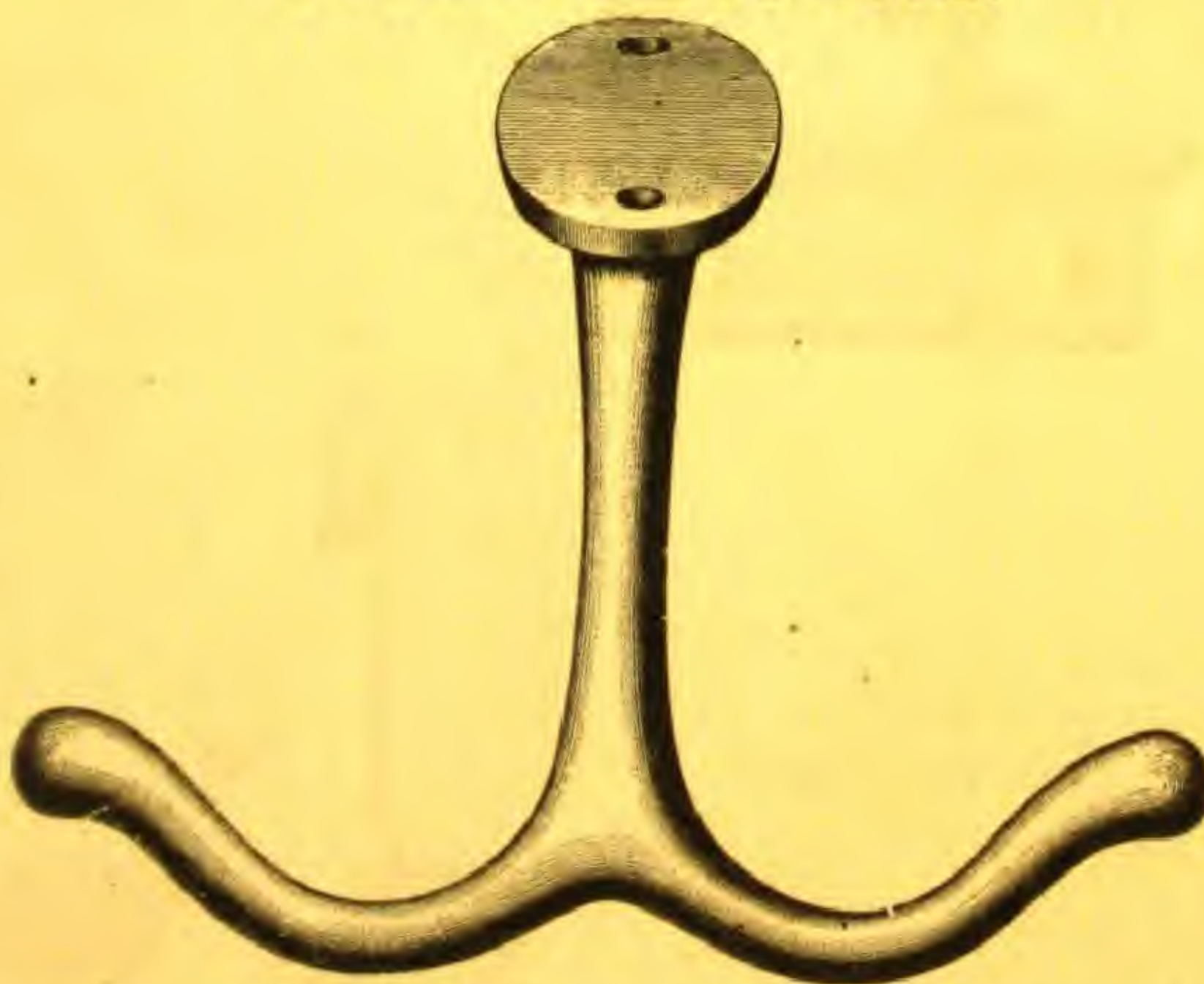


COAT AND HAT HOOKS.



No. 1558.	Copper Bronzed Coat and Hat Hooks,	per doz.,	\$0 40
" 557.	Bronze Plated, " " "	"	70
" 741.	Bronze Metal, " " "	"	2 00

CEILING HOOKS.



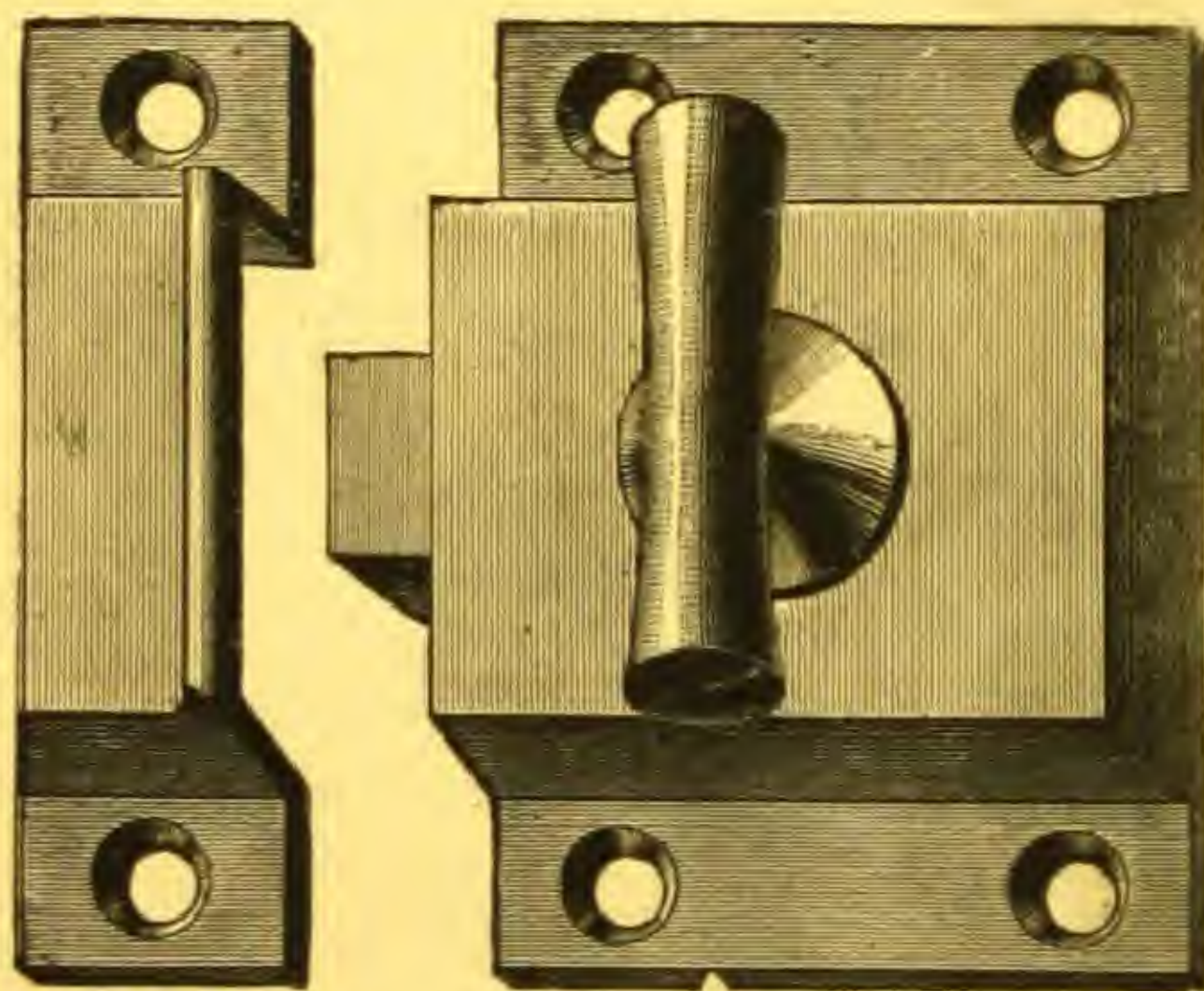
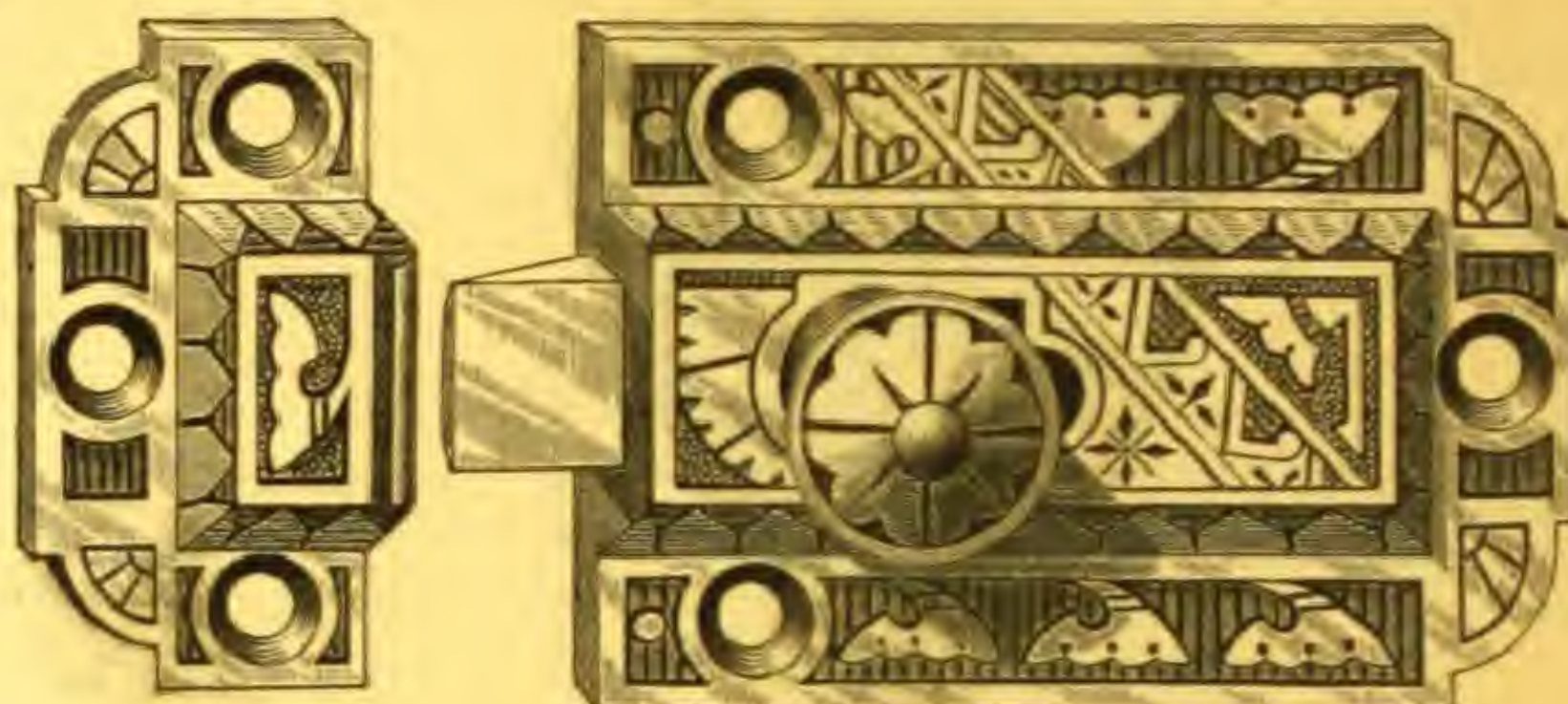
No. 1554.	Copper Bronzed Ceiling Hooks,	per doz. with screws,	\$0 40
" 1555.	Bronze Plated " " "	"	50
" 1553.	Bronze Metal " " "	"	1 75

CUPBOARD CATCHES.



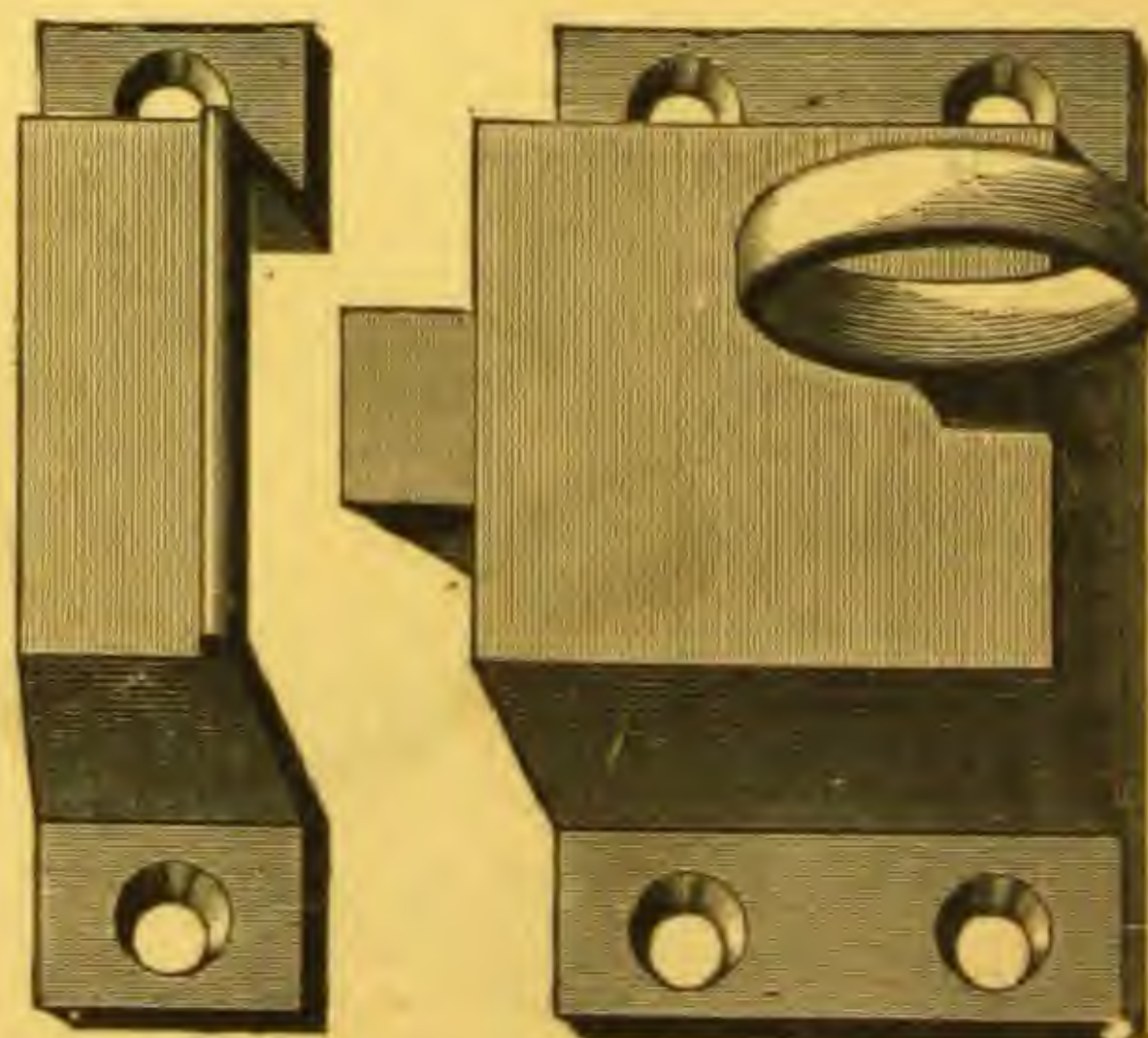
No. 499. Plain Bronze Metal, per doz., \$1 55

- Per doz.
- No. 503. Ornamental
Berlin Bronzed, \$0 40
- " 505. Ornamental
Copper Bronzed, 45
- " 506. Bronze Metal, 2 00

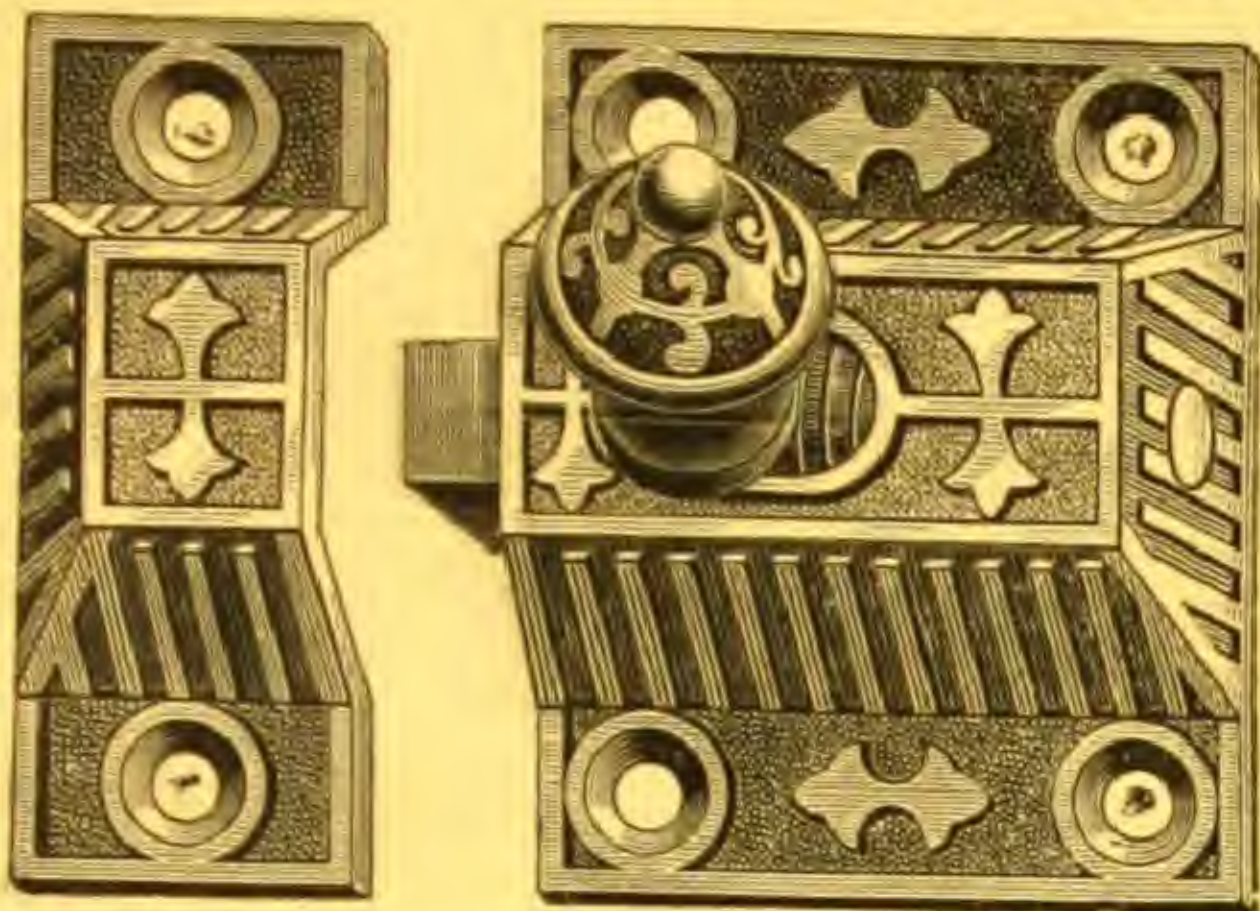


- Per doz.
- No. 522. Plain Polished Bronze Plated, \$1 90
- " 523. Plain Bronze Metal, 4 00

- Per doz.
- No. 549. Plain Polished Bronze Plated, \$1 65
- " 550. Ornamental Berlin Bronzed, 60
- " 552. Plain Bronze Metal, 3 00

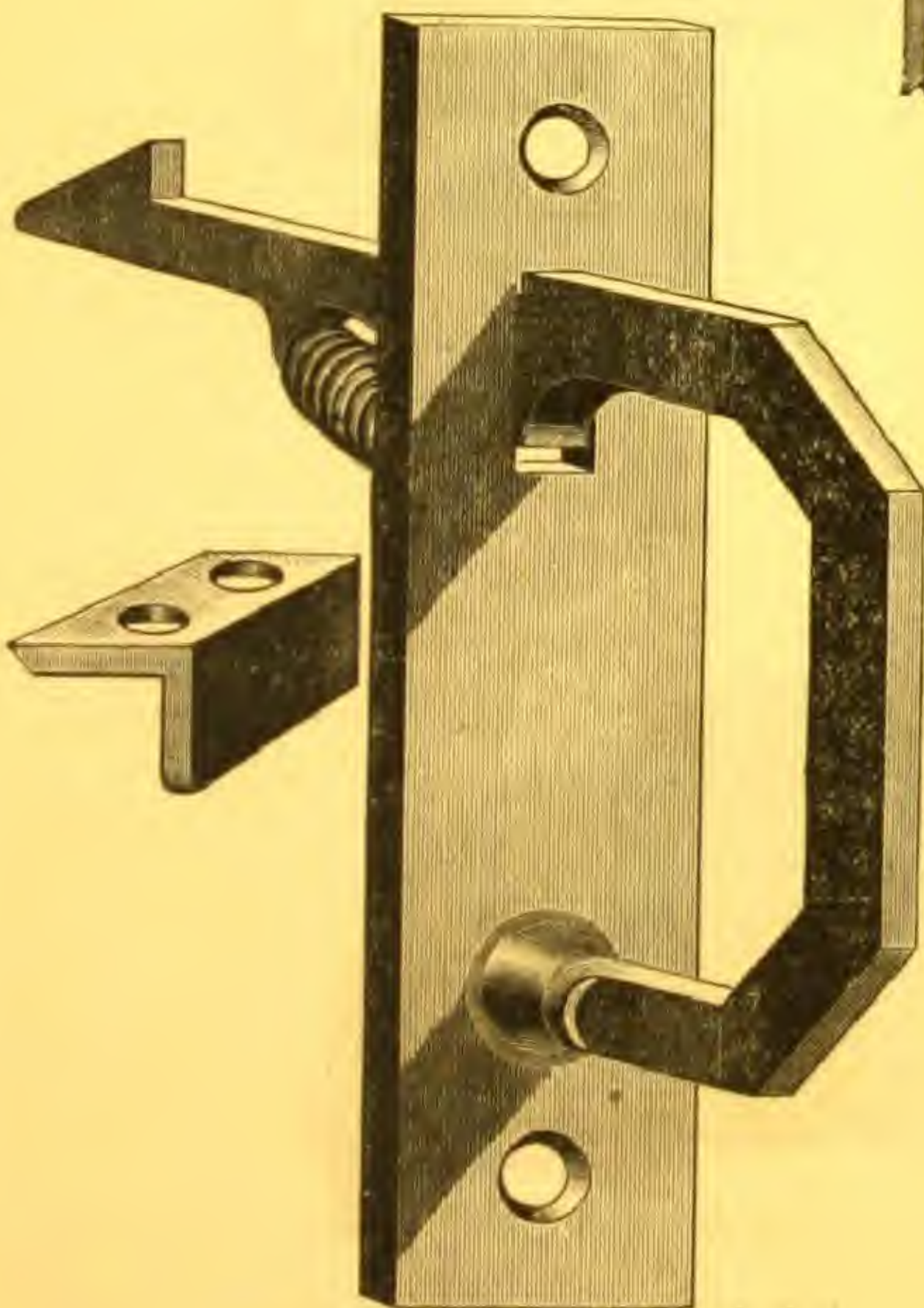
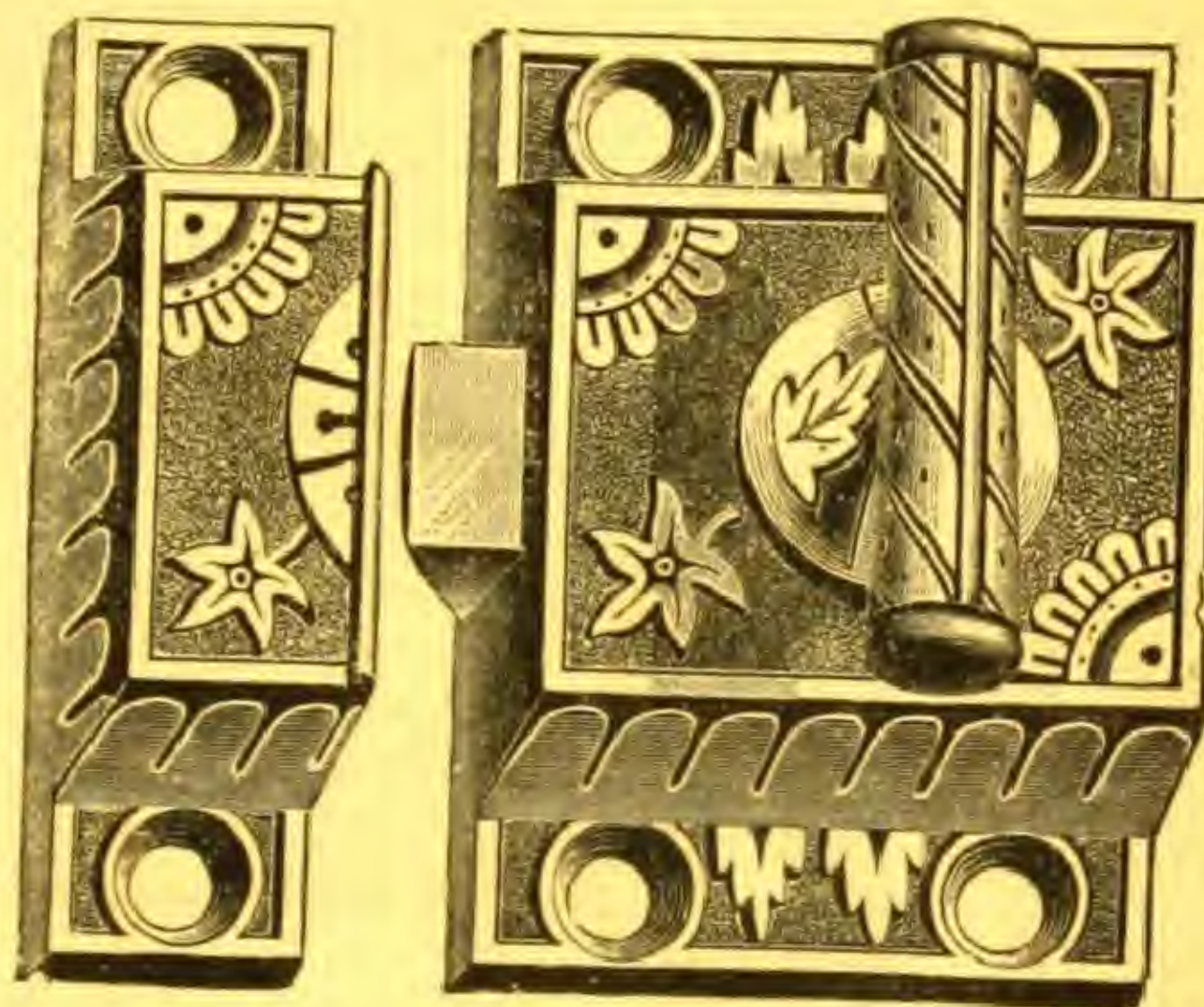


CUPBOARD CATCHES.



No.	Per doz.
501.	Ornamental Copper Bronzed, \$0 50
502.	Plain, Bronze Plated, 1 00
504.	Plain, Bronze Metal, 1 50

No.	Per doz.
520.	Ornamental Berlin Bronzed, \$1 25
521.	" Copper " 1 60

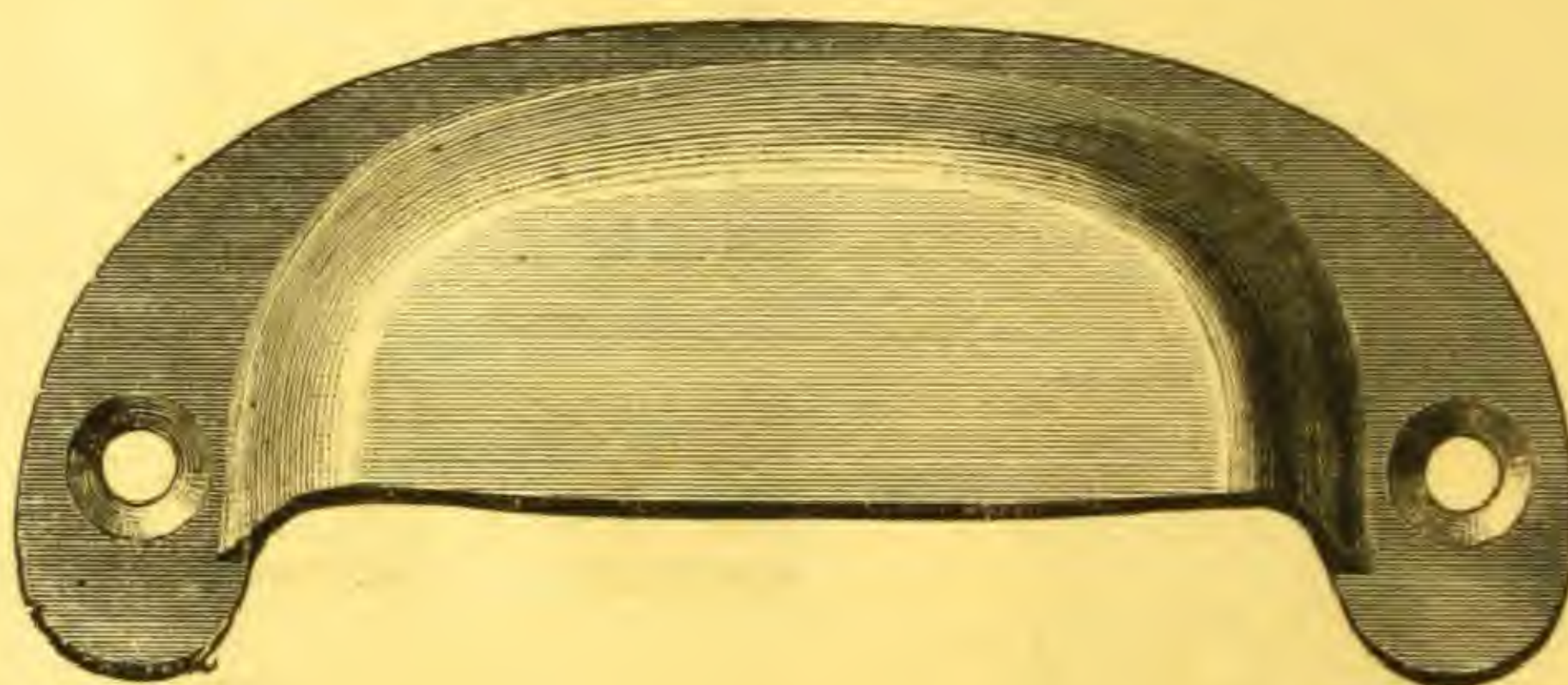


No.	Per doz.
517.	Ornamental Copper Bronzed, \$0 60
511.	" Real Bronze, . 2 20
513.	Plain Bronze Plated, 1 35
512.	" " Metal, 2 50

DRAWER PULLS.



No.		Per gross.	Per doz.
562.	Plain Drawer Pull, Copper Bronzed, 4 in.,	\$3 00	\$0 30
563.	Plain Drawer Pull, Bronze-Plated, 4 in.,	6 50	70



No.		Per gross.	Per doz.
564.	Plain Drawer Pull, Polished and Bronzed-Plated, $3\frac{7}{8}$ in.,	\$6 50	\$0 65
1565.	" " " " Bronze Metal, $3\frac{7}{8}$ in.,		1 45



No. 1711.	Bronze Metal, $3\frac{1}{2}$ in.,	Per doz.,	\$1 35
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No. 557.

" 558.

No. 559.

" 560.

No. 533.

" 534.

DRAWER PULLS.



- No. 557. Bronze Plated, $3\frac{3}{4}$ in., Per doz., \$0 35
 " 558. " " $4\frac{1}{4}$ in., " 40



- No. 559. Bronze Metal, $3\frac{1}{8}$ in., Per doz., \$1 20
 " 560. " " $4\frac{1}{4}$ in., " 1 50



- No. 533. Plain Bronze Metal, $3\frac{3}{4}$ in., Per doz., \$1 25
 " 534. " Bronze Plated, $3\frac{3}{4}$ in., " 55

DRUGGISTS' DRAWER PULLS.

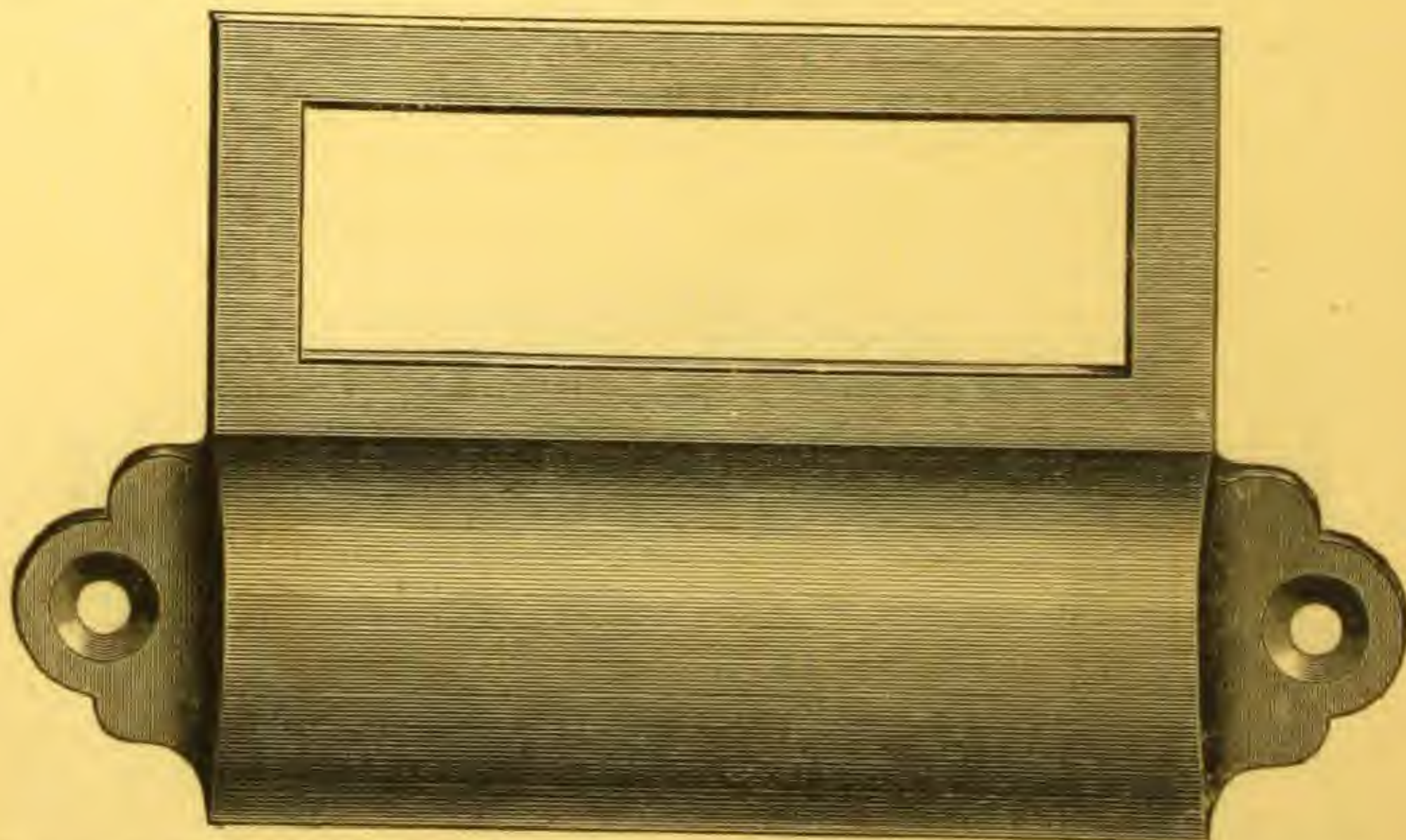


No. 535.

		Per gross with Screws.	Per doz. with Screws.
No. 535.	Berlin Bronzed for Labels, $\frac{7}{8} \times 2$ in.,	\$3 00	\$0 30
" 536.	" " " $\frac{7}{8} \times 2\frac{5}{8}$ in.,	4 30	45



		Per gross with Screws.	Per doz. with Screws.
No. 529.	Copper Bronzed for Labels, $\frac{3}{4} \times 2\frac{3}{4}$ in.,	\$3 60	\$0 36



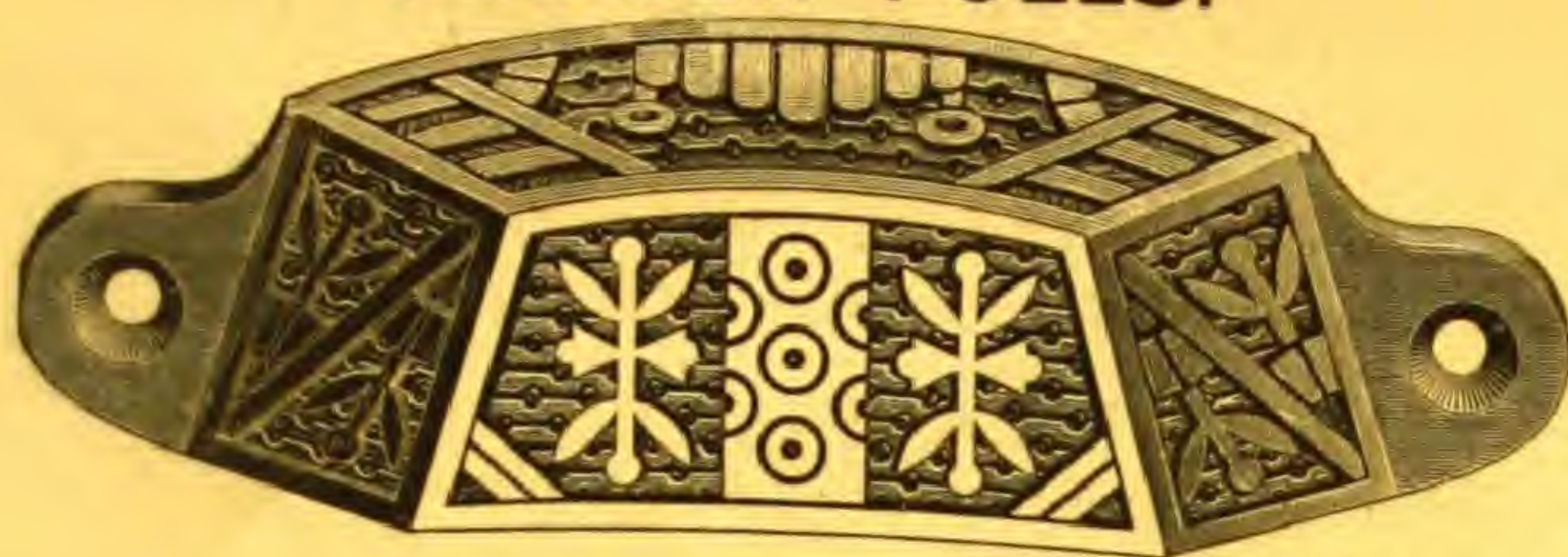
No. 553.	Plain Bronze for Labels $1\frac{1}{8} \times 2\frac{3}{4}$ in.,	Per doz., \$2 80
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No. 554.
" 555.
" 556.

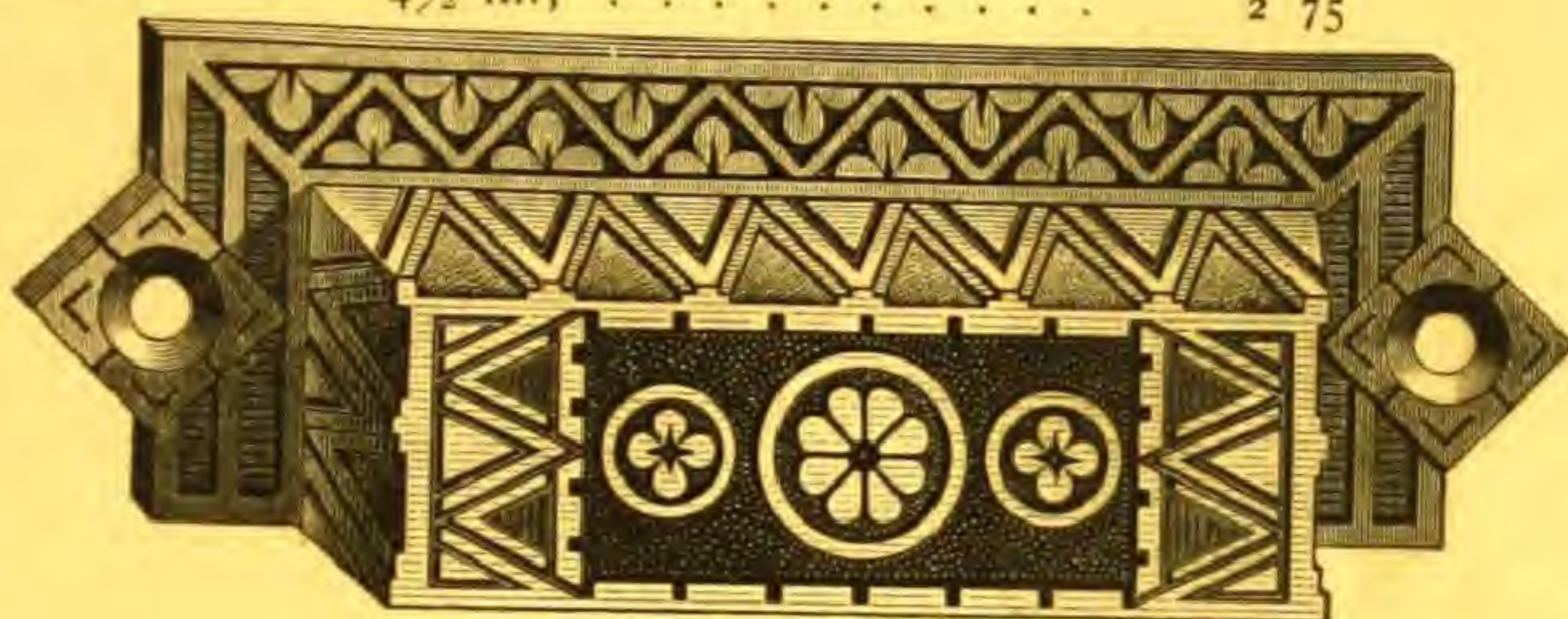
No. 540.
" 543.
" 544.

No. 537.
" 538.
" 539.

DRAWER PULLS.

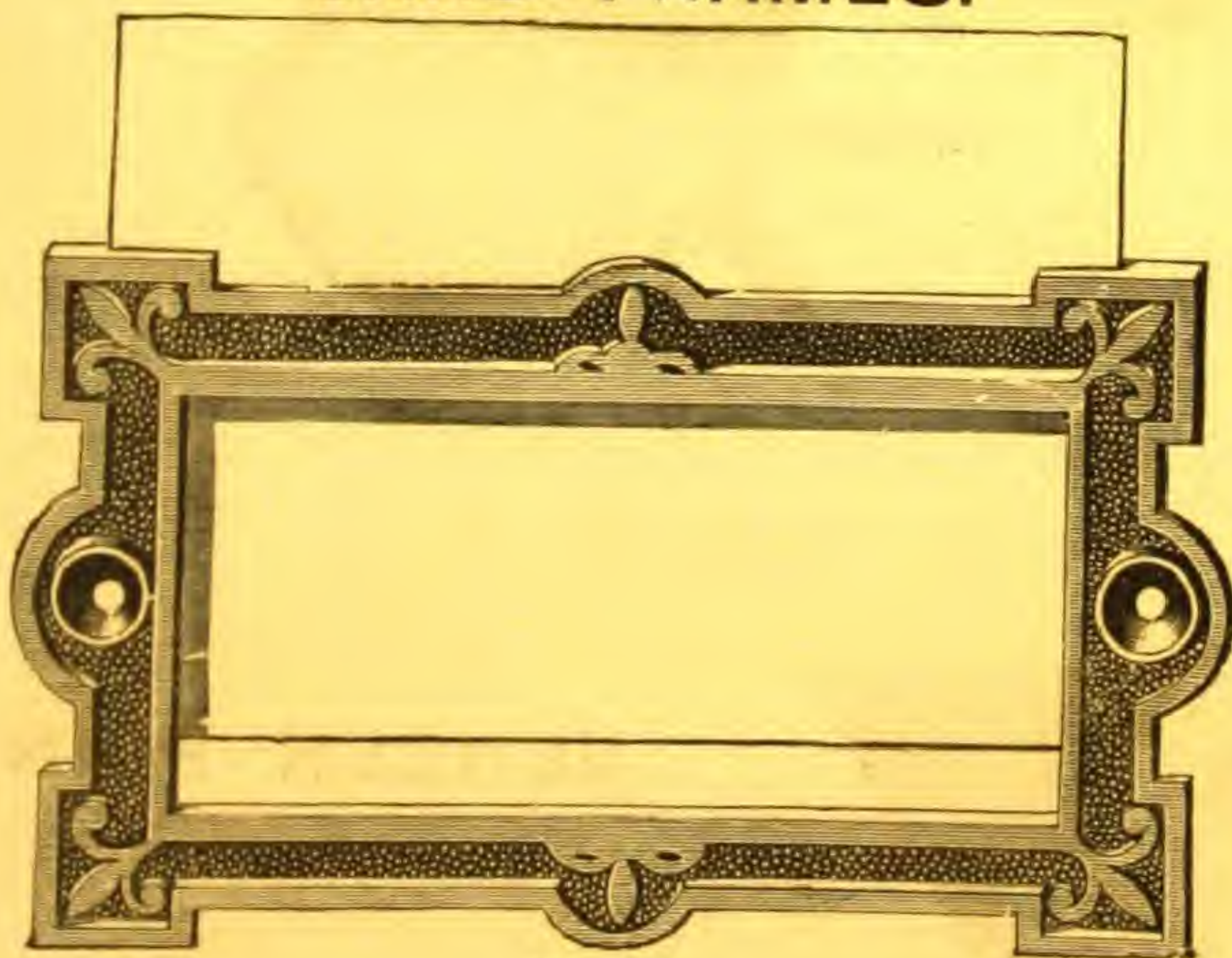


		Per gross with Screws.	Per doz. with Screws.
No. 554.	Berlin Bronzed, $3\frac{1}{2}$ in.,	\$2 15	\$0 20
" 555.	" " 4 in.,	2 50	25
" 556.	" " $4\frac{1}{2}$ in.,	2 75	30



		Per gross with Screws.	Per doz. with Screws.
No. 540.	Ornamental Berlin Bronzed,	\$3 00	\$0 30
" 543.	" Bronze Plated,	3 25	35
" 544.	" Bronze Metal,		1 40

CARD FRAMES.



	No. 537.		Per gross.	Per doz.
No. 537.	Ornamental Berlin Bronzed for cards, $1\frac{1}{2} \times 3$ in., . . .		\$2 15	\$0 25
" 538.	" " " " $\frac{1}{2} \times 2\frac{3}{4}$ in., . . .		2 50	28
" 539.	" " " " $7-16 \times 2\frac{1}{8}$ in., . . .		2 50	28

JAPANNED DOOR BUTTONS.

No. 515. Japanned Door Buttons, without Plates,

Sizes, $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2 $2\frac{1}{2}$ ins.

Per doz., without screws, \$0 05 \$0 06 \$0 08 \$0 08 \$0 12

No. 516. Japanned Door Buttons, on Plates,

Sizes, 2 $2\frac{1}{2}$ ins.

Per doz., without screws, . . \$0 20 \$0 28



No. 516.



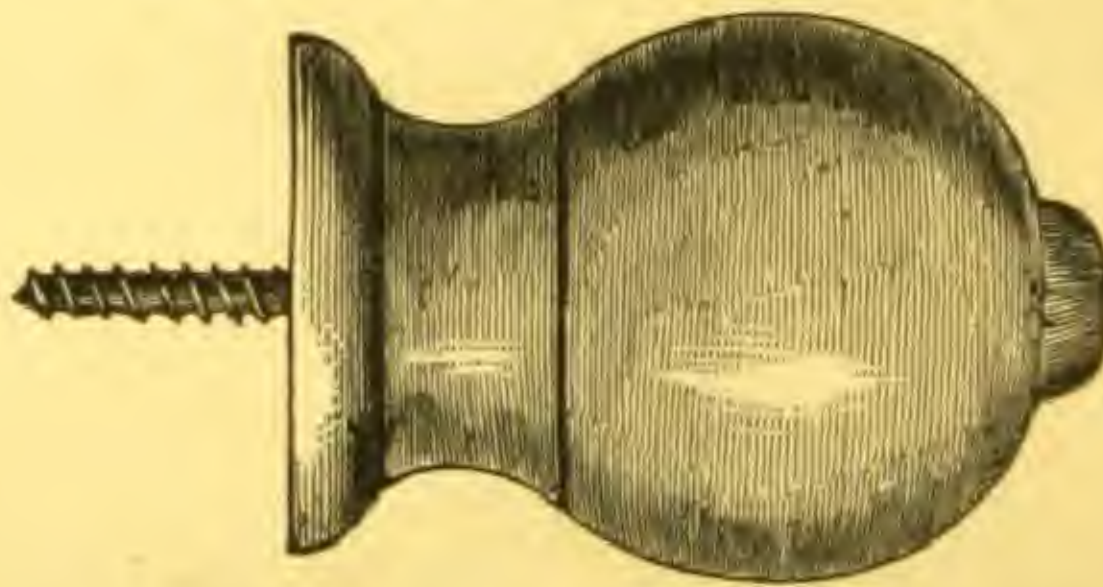
ORNAMENTAL DOOR BUTTONS.

On Plates.

No. 518. Berlin Bronzed, Per doz., \$0 30

" 519. Real Bronze, " 1 25

DOOR STOPS.



No.	Size.	Description.	Per gross.	Per doz.	Each.
10.	$2\frac{1}{2}$ inches,	Rubber Tipped Birch Door Stops,	\$1 90	\$0 20	\$0 03
11.	3	" " " " " "	2 10	25	03
12.	$2\frac{1}{2}$	" " " " Walnut " " "	2 40	28	03
13.	3	" " " " " " " "	2 65	30	04



No. 877.



No. 878.

Cuts full size.

VENEER POINTS.

No. 18. Sheet Iron.

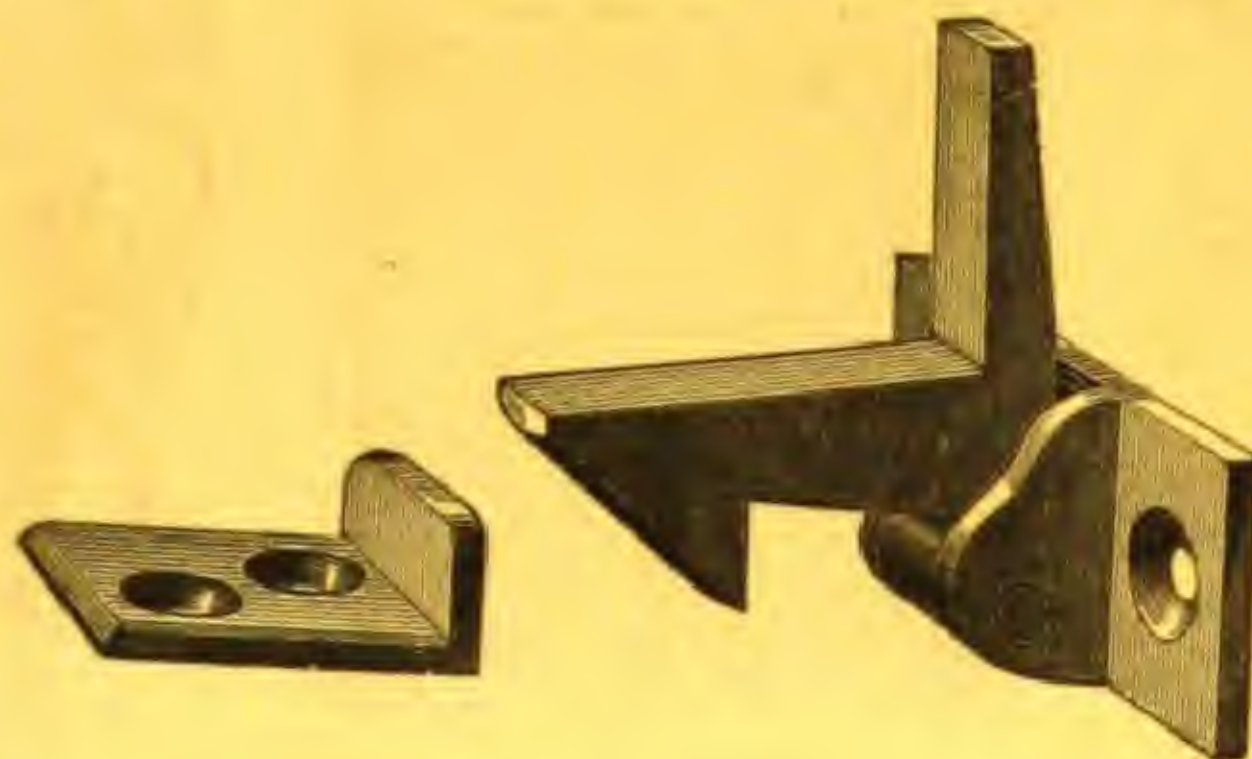
Per lb., \$0 25.

No.
811. C
812. C

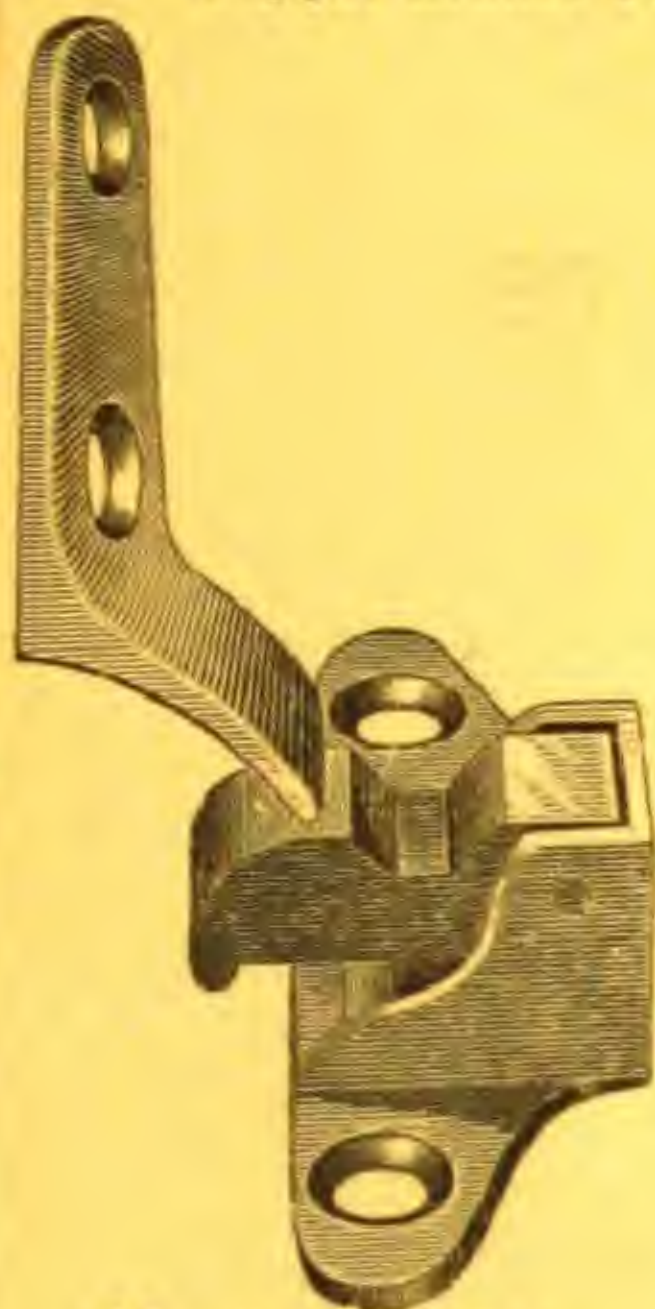


No.

The be
No. 817.
" 1818.

BRASS ELBOW CATCH.

No.		Per doz.	Each.
811.	Cast-Brass Elbow Catch,		
812.	Copper Bronze-Plated Elbow Catch,	\$0 90	\$0 15
		55	07

FRY'S DOOR HOLDERS.

No.		Per doz.	Each.
813.	Fry's Door Holders, Coppered Iron,	\$2 00	\$0 20
814.	" " " Brass,	3 50	35
815.	" " " Coppered Iron,		
	large size,	3 25	32
816.	Fry's Door Holders, Brass, large size,	6 00	60

No. 813 and 814.

FORG'S PATENT DOOR CATCH.

Full size No. 817.

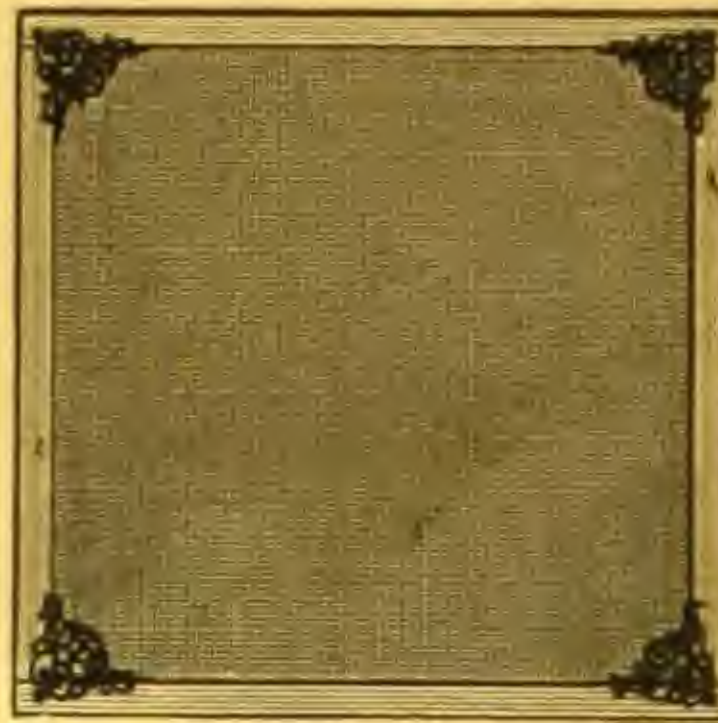
The best catch made for show-cases and closets, easily applied and always works well.

No. 817.	Forg's Patent Door Catch (See Cut),	Per doz.,	\$0 60
" 1818.	" " " " 5/8 in. diameter,	"	1 15

WINDOW SCREEN CORNER BRACKETS.



No. 100.



No. 111 applied to a Screen.

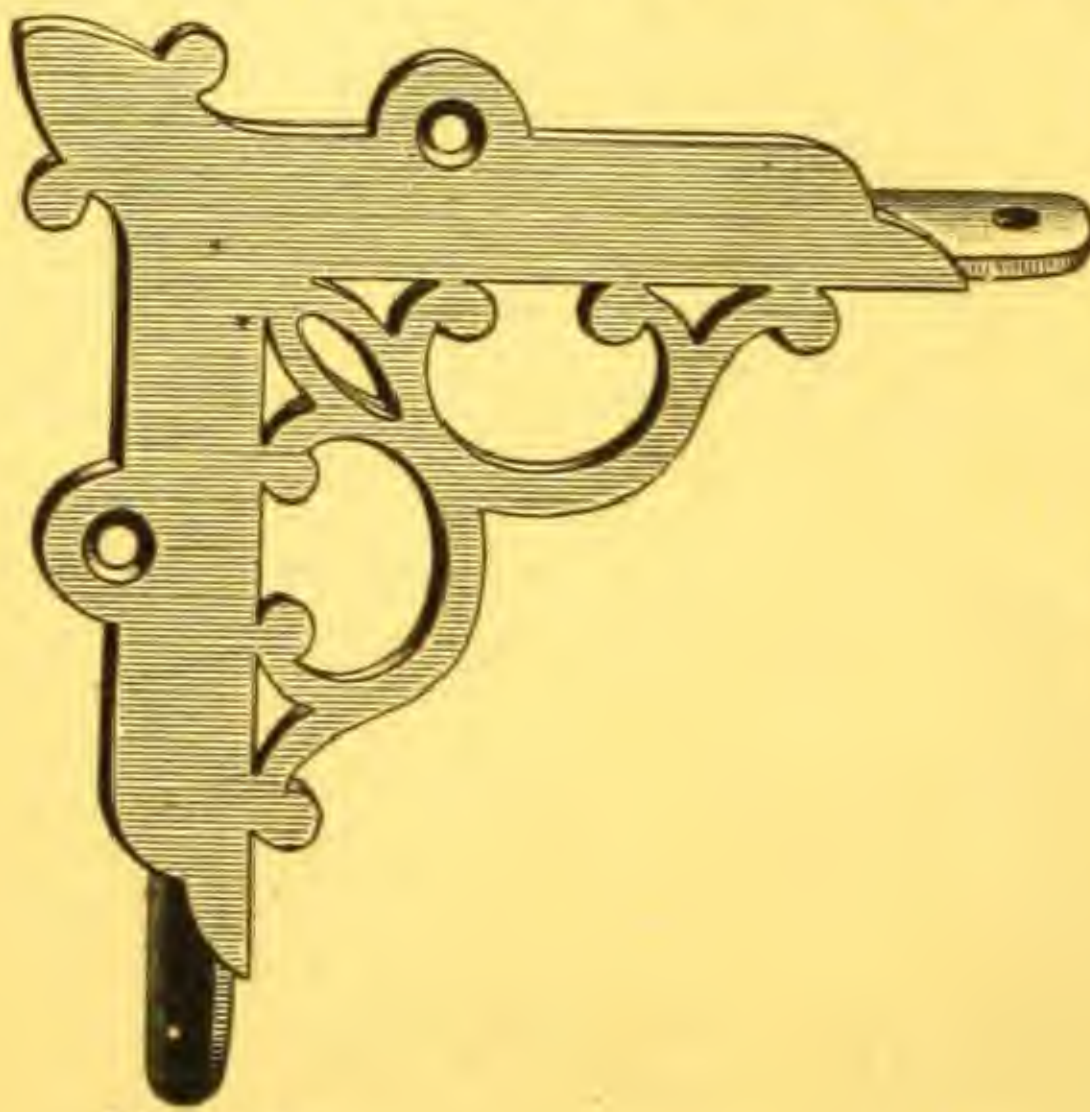


No. 111.

Berlin Bronzed, Packed with Screws.

No.		Per doz. sets.	Per set.
100.	Four Brackets to a set,	\$0 85	\$0 12
111.	" " "	1 00	15

DOOR SCREEN BRACKETS.



No. 202.

Four Corner Brackets and two Centre pieces to a set, as per cut of Screen Door below showing a set applied.

Berlin Bronzed, Packed with Screws.

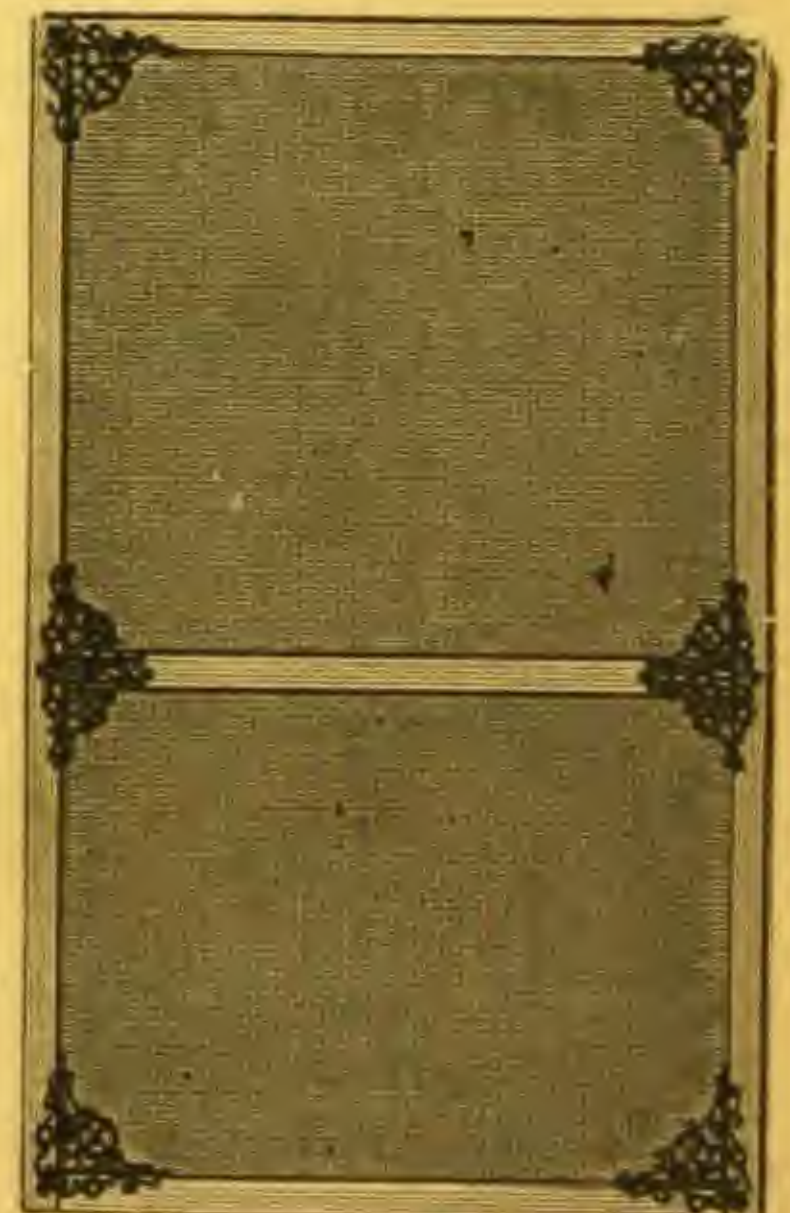
No.		Per doz. sets.	Per set.
202.	Four Corners and two Centres to a set, .	\$2 10	\$0 25

HOW TO USE OUR SCREEN BRACKETS.

Simply cut the sticks to the required length for the Windows or Doors, and Screw on the Corners—no nailing, mortising or planing necessary. The Corner Brackets hold the frame firmly together.

Every box contains full directions for the best method of making and applying Window and Door Screens, and how to insure a proper fit.

This Cut shows a set of Door Screen Brackets applied.



All w
In full
per squa
Cut to

CORTLAND ADJUSTABLE MOSQUITO AND FLY SCREENS FOR WINDOWS.



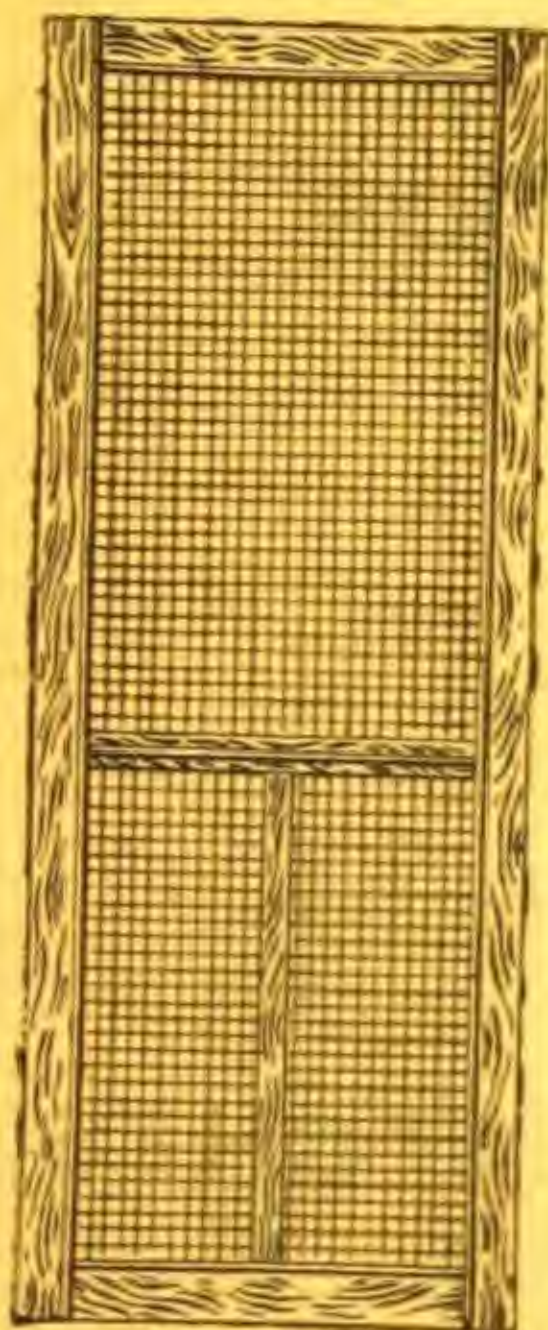
It is the Strongest.

It will adjust easier.

It will not stick when soaked with water.

Made from well-seasoned Hardwood, Natural Wood
Finished in Oil.

No.		Height.		Full Width.		Closed.	Each.
60.	Plain Wire,	18 in.	. . .	32 in.	. . .	26 in.	\$0 20
64.	"	24 "	. . .	32 "	. . .	26 "	25
5.	"	24 "	. . .	29 1/2 "	. . .	25 1/2 "	40
7.	"	24 "	. . .	32 1/2 "	. . .	28 1/2 "	50
90.	"	30 "	. . .	36 "	. . .	32 "	60
17.	Landscape,	24 "	. . .	32 1/2 "	. . .	28 1/2 "	75



WIRE SCREEN DOORS.

Size.	Description.	Each.
2 ft. 6 in. x 6 ft. 6 in.	Mortised, Cherry Stained,	\$1 00
2 ft. 8 in. x 6 ft. 8 in.	" " " "	1 00
2 ft. 6 in. x 6 ft. 6 in.	Three Panel Walnut, "	80
2 ft. 8 in. x 6 ft. 8 in.	" " " " "	80

FLY WIRE.

CELLAR WINDOW WIRE.



All widths from 20 ins. to 48 ins.
In full rolls; 100 ft. long, at 2 cts.
per square ft.
Cut to order, 2 1/2 cts. per sq. ft.

	Per Square Foot.
Iron Cellar Window Wire (full roll),	\$0 03
" " " " (cut),	04
Galvanized Cellar Window Wire (full roll),	04
" " " " (cut),	05

SCREEN DOOR CATCHES.



No.		Per doz.	Each.
1480.	Bronzed Plated, Plain Bevel Latch,	\$2 00	\$0 25
1490.	Plain Bronze, " " " "		60



No.		Per doz.	Each.
1498.	Bronze Plated, Reverse Bevel Latch,	\$2 00	\$0 25
1496.	Plain Bronze, " " " "		60

ANTI-FRICTION SCREEN DOOR CATCHES.



Reverse Bevel, Bent Strike, with Screws. Highly Polished Bronze Metal.			
No. 496.	Plain Bronze Metal Latch and T Handles,	Each,	\$0 75

ANTI-FRICTION SCREEN DOOR CATCHES, WITH NIGHT WORK.



Highly Polished Bronze Metal. Bronze Metal Stop Knob, 2 Flat Steel Keys.			
Reverse-Bevel, Flat Strike, with Screws.			
No. 1497.	Plain Bronze Latch and Knobs,	Each,	\$1 00
The above Knobs are spindled for Doors $\frac{7}{8}$ to $1\frac{3}{8}$ inches thick.			

STAIR RAIL BRACKET.



Adjustable to any angle desired.

Cut shows bracket perpendicular and rail at an incline.

Strongest, easily adjusted, and quickly applied.

MAROONED BRONZED.

No.	Per doz.	Each.
4. 3-inch projection,	\$0 80	\$0 10

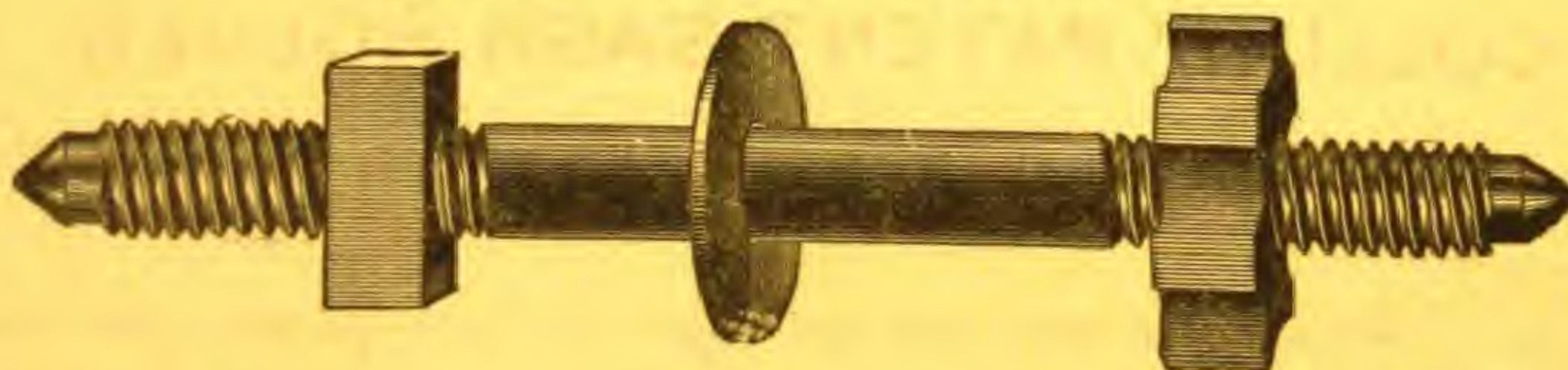
HAND RAIL OR STAIR RAIL BRACES.



No. 680.

No.		Per doz.	Each.
680.	Hand Rail Braces, $5\frac{1}{2}$ inches long,	\$0 60	\$0 08
681.	" " with Round Rosette,	85	10

HAND RAIL SCREWS.



No.			$4\frac{1}{2}$ -inch.	5-inch.	$5\frac{1}{2}$ -inch.
51.	Single Nut,	per gross, 5-16,	\$2 50	\$2 85	\$3 10
	Per dozen,		25	28	30
61.	Single Nut,	per gross, $\frac{3}{8}$,	2 85	3 15	3 40
	Per dozen,		28	30	35
52.	Double Nut,	per gross, 5-16,	2 85	3 15	3 40
	Per dozen,		28	30	35
62.	Double Nut,	per gross, $\frac{3}{8}$,	3 40	3 65	4 00
	Per dozen,		35	36	40

GARDNER'S ALUMINUM BRONZE SASH RIBBON.

THE BEST DEVICE EVER INTRODUCED FOR HANGING WINDOWS.



No.					Per foot.
20.	$\frac{3}{8}$	inch wide, for sash weighing 20 lbs. or less,			\$0 01 $\frac{1}{2}$
40.	$\frac{3}{8}$	" " " 20 to 40 lbs.,			02
60.	$\frac{3}{8}$	" " " 40 to 60 lbs.,			02 $\frac{1}{2}$
100.	$\frac{3}{8}$	" " " 60 to 100 lbs.,			03
150.	$\frac{1}{2}$	" " " 100 to 150 lbs.,			04
200.	$\frac{1}{2}$	" " " 150 to 200 lbs.,			05
250.	$\frac{1}{2}$	" " " 200 to 250 lbs.,			06

Price for quantity on application.

Attachments for use with $\frac{3}{8}$ ribbon,	Per Window.
" " $\frac{1}{2}$ "	\$0 10
	12

COLLINS' PATENT SASH HOLDER.



For use on Sash, Car Windows, Carriage Windows, Slat Blinds, Mosquito Screens, etc.

When used on sash, cords and weights are dispensed with, thus saving the making of boxes in the frame, and the consequent saving of both time and material.

In its adaptability to slat blinds in cars, it is perfect.

When applied to window screens, put one on one side only, at the centre.

No. 880.	Collins' Patent Sash Holder,	per doz., \$0 75
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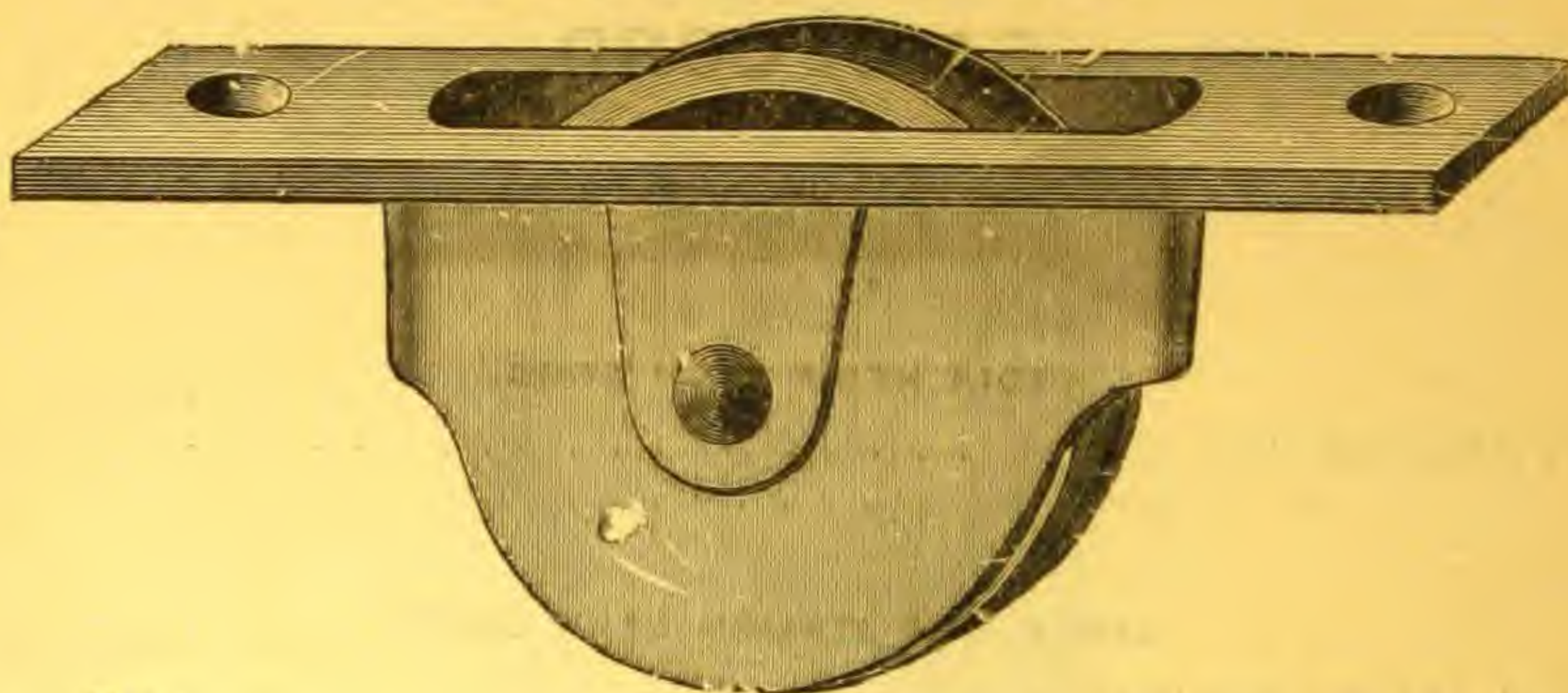
India Hemp Sash Cord, $\frac{1}{4}$ inch,	Per hank of 100 feet.
“ “ 5-16 inch,	\$0 30
	40

Cable Laid Italian Sash Cord, $\frac{1}{4}$ inch,	Per hank of 90 feet.
“ “ “ 5-16 inch,	\$0 45
	65

			Per hank of 100 feet.			
			6-32	7-32	8-32	9-32 inch.
White Cotton Braided Sash Cord,		\$0 45		\$0 55	\$0 65	\$0 80
Drab " " " "		55		70	80	95

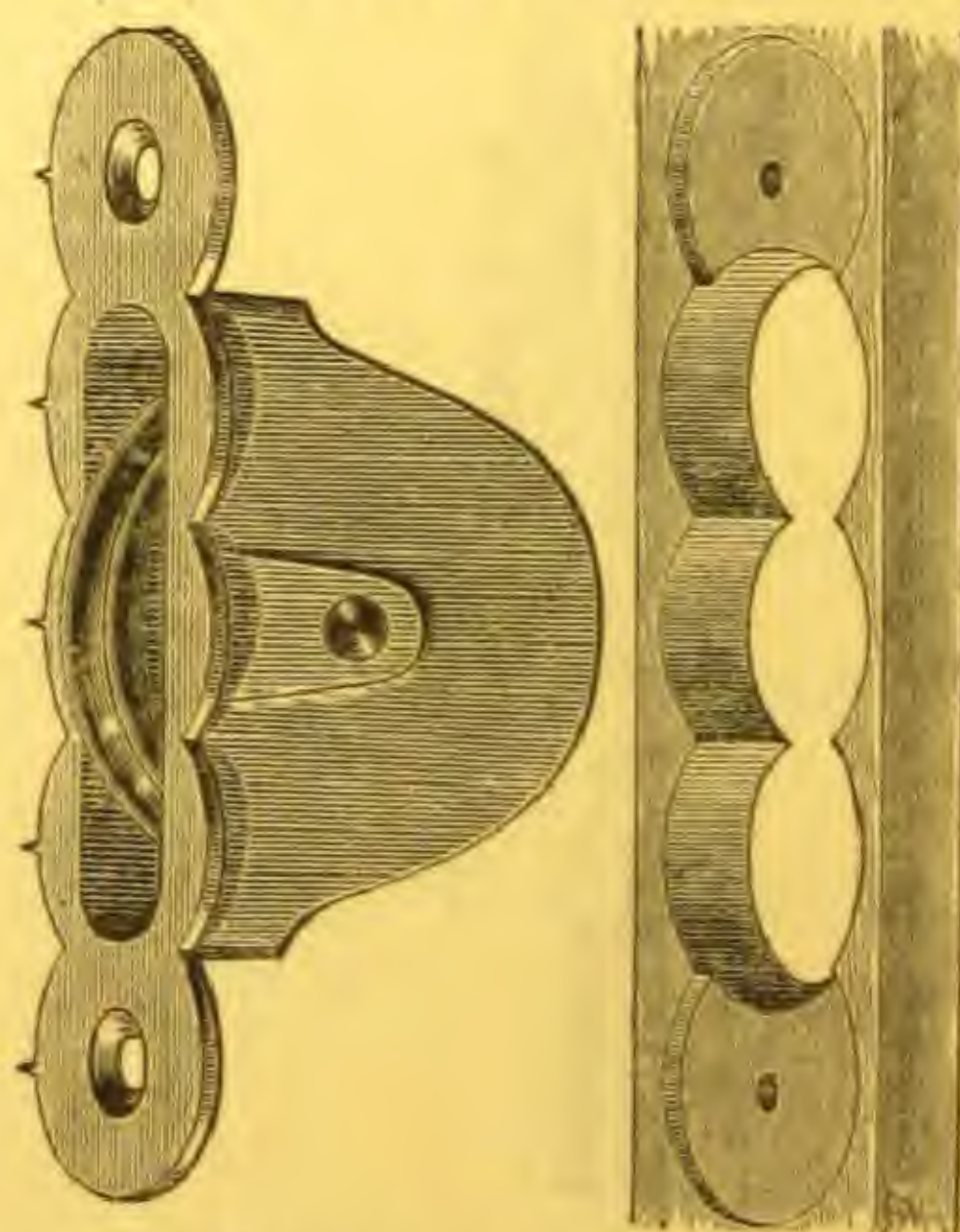
CHAMPION CHAIN.		
No.		Per foot.
1.	Chain for a Sash of 90 lbs.,	\$0 05
2.	“ “ “ 60 “	04½
Hooks and Attachments, per Sash Weight,		03

FRAME PULLEYS.



No.	Size.		Per doz. bulk.	Per doz. in papers.
641.	1 $\frac{3}{4}$ inch	Heavy Frame Pulleys,	\$0 17	\$0 19
642.	2	Polished Wheel, Painted Front, Frame Pulley,		27
632.	2	" " " " " " " "		55
634.	2 $\frac{1}{2}$	" " " " " " " "		75
635.	3	" " " " " " " "		1 25
636.	2	Polished Wheel, Bronzed Front, Frame Pulley, Square Groove,		60
637.	2 $\frac{1}{2}$	" " " " " " " "		80
638.	3	" " " " " " " "		1 35

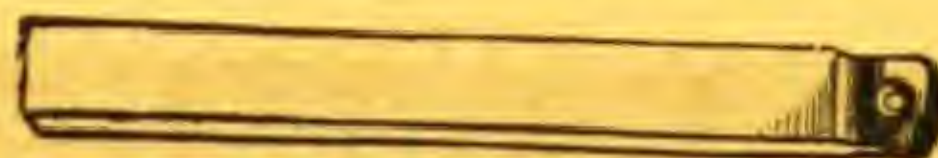
PALMER'S COMMON-SENSE FRAME PULLEY.



Both sizes fit one mortise. 1-inch bit for both. Each pulley its own Marking Gauge.

No.	Size.		Per doz.
645.	1 $\frac{3}{4}$ -inch	Frame Pulleys, Polished Wheels,	\$0 28
646.	2	" " " " " " " "	30

SASH WEIGHTS.



Iron Sash Weights, per lb., \$0 or
 Lead " " to order only, " 06 1/2
 Price of Lead Weights liable to change at any time.

In ordering Sash Weights, please state if Square or Round Weights are wanted. Lead Sash Weights and special size Iron Sash Weights made to order at short notice.

STANDARD SIZE OF FLAT WEIGHTS.

Lbs.	Size.	Length.
2	1 X 1 3/4	5
2 1/2	1 X 1 3/4	6
3	1 X 1 3/4	7
3 1/2	1 X 1 3/4	8 1/8
4	1 X 1 3/4	9 1/4
4 1/2	1 X 1 3/4	10 1/2
5	1 X 1 3/4	11 3/4
5 1/2	1 X 1 3/4	13
6	1 1/8 X 1 3/4	13
6 1/2	1 1/8 X 1 3/4	14
7	1 1/8 X 1 3/4	15
7 1/2	1 1/8 X 1 3/4	16 1/4
8	1 1/8 X 2	15 1/2
8 1/2	1 1/8 X 2	16 1/4
9	1 1/8 X 2	17
9 1/2	1 1/8 X 2	17 3/4
10	1 1/8 X 2	18 1/2
10 1/2	1 1/8 X 2	19 1/4
11	1 1/4 X 2	18
11 1/2	1 1/4 X 2	19 1/8

Sizes not in this list extra.

STANDARD SIZE OF ROUND WEIGHTS.

Lbs.	Diameter.	Length.
2	1 1/4	7 1/8
2 1/2	1 1/4	8 3/4
3	1 1/4	10 3/8
3 1/2	1 1/4	12
4	1 1/4	13 1/2
4 1/2	1 3/8	12 2/3
5	1 3/8	14
5 1/2	1 3/8	15 1/4
6	1 1/2	14
6 1/2	1 1/2	15 1/8
7	1 1/2	16 1/4
7 1/2	1 1/2	17 1/4
8	1 1/2	18 3/8
8 1/2	1 1/2	19 1/2
9	1 3/4	15 1/3
9 1/2	1 3/4	16 1/8
10	1 3/4	17
10 1/2	1 3/4	17 3/4
11	1 3/4	18 5/8
11 1/2	1 3/4	19 3/8

Sizes not in this list extra.

STANDARD SIZE OF LEAD SASH WEIGHTS.

Diameter Inches.	Oz. per inch. Round.	Oz. per inch. Square.
1	5 1/8	6 1/8
1 1/4	8 1/8	10 5/8
1 1/2	11 1/8	14 3/4
1 3/4	15 1/8	20 3/8
2	20 3/4	26 1/4
2 1/4	26 3/8	33 1/4
2 1/2	32 1/8	41 3/8
2 3/4	39 1/8	49 3/4
3	46 1/2	59 1/4
3 1/4	54 1/2	69 1/2
3 1/2	63 3/8	80 3/4
3 3/4	72 1/2	92 1/2
4	82 1/8	105

FLAT HEAD IRON SCREWS.



$\frac{5}{8}$ inch, Nos.,			4	5	6
Per gross,			\$0 08	\$0 09	\$0 10
$\frac{3}{4}$ inch, Nos.,	5	6	7	8	9
Per gross,	\$0 10	\$0 11	\$0 12	\$0 14	\$0 15
1 inch, Nos.,		8	9	10	12
Per gross,		\$0 16	\$0 18	\$0 19	\$0 22
$1\frac{1}{4}$ inch, Nos.,		9	10	11	12
Per gross,		\$0 19	\$0 20	\$0 22	\$0 24
$1\frac{1}{2}$ inch, Nos.,	10	11	12	13	14
Per gross,	\$0 22	\$0 24	\$0 26	\$0 30	\$0 34
2 inch, Nos.,	12	14	16	18	20
Per gross,	\$0 31	\$0 40	\$0 48	\$0 58	\$0 64

We keep in stock Japanned, Tinned, Brass, Bronze, and Nickel-plated Flat and Round Head Screws.

Five per cent. deducted off above prices if ordered in five gross lots of a size.

DOWEL SCREWS.

Dowel Screws, $1\frac{1}{2}$ inch,	Per gross.	Per doz.
" " 2 "	\$0 40	\$0 08
	50	10

Other sizes furnished to order.

WINDOW STOP SCREWS.

Rendering Window Stop Beads instantly adjustable to the Sash. Remedies rattling or binding of window sashes. Keeps out the cold and dust.



Cut Cross Section of Stop Bead and Casing, with Fastener applied. Shows adjustment of $\frac{1}{8}$ of an inch inward to, or outward from the sash.



Elevation of Window, showing Stop Bead with Fastener applied.

Fastener Applied. }

Hole in Bead ready for Fastener }



Section of Stop Bead.

Prices:

Plain Brass Fasteners, with Round Head Screws,	Per gross.
Bronze " " " "	\$1 50
Blued " " " "	1 50
Nickel " " " "	1 25
	1 75

STEEL WIRE BRADS AND NAILS.

In 1 lb. packages.



Length,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$		1	$1\frac{1}{4}$	$1\frac{1}{2}$ inch.
Wire Gauge,	20	18	16	18	15	17	14 16 13 15
Per doz. lbs.,	\$1 00	\$0 72	\$0 60	\$0 66	\$0 50	\$0 57	\$0 50 \$0 53 \$0 45 \$0 50
Per lb.,	10	09	08	08	06	07	06 06 05 05
Length,					2	$2\frac{1}{2}$	3 inch.
Wire Gauge,					12	14	10 12 10
Per doz. lbs.,					\$0 42	\$0 45	\$0 40 \$0 45 \$0 40
Per lb.,					05	05	05 05 05

WIRE NAILS WITH FLAT HEADS AT SAME PRICE AS BRADS.

FINISHING NAILS.

Bright.



Inch,	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2 inch.
Per doz. Papers,	\$0 90	\$0 80	\$0 80	\$0 80	\$0 80
Per Paper,	09	08	08	08	08

One lb. in a Paper.

Special Rates by Case.

Price in Bulk same as Papered.

CLOUT NAILS SAME PRICE AS FINISHING.

WIRE NAILS AND WIRE BRADS.

In kegs of 100 lbs.

STANDARD WIRE NAILS.



Full Size Cut of 8d Wire Nail.

Size.	Length in inches.	Wire gauge thickness.	No. in 1 lb.	Base Price on Application.
6od	6	2	10 1/2	Base.
				Advance over Base.
5od	5 1/2	3	13 1/2	\$0 10
4od	5	4	17	25
3od	4 1/2	5	23	25
2od	4	6	29	35
12d	3 1/4	9	57	45
1od	3	9 1/2	74	50
8d	2 1/2	10 1/2	106	60
7d	2 1/4	11 1/2	154	75
6d	2	12	200	75
5d	1 3/4	12 1/2	254	90
4d	1 1/2	13	322	90
3d	1 1/4	14 1/2	615	1 20
3d fine	1 1/8	16	920	1 60

STANDARD WIRE BRADS.



Full Size Cut of 8d Wire Brad.

Size.	Length in inches.	Wire gauge thickness.	No. in 1 lb.	Base Price on Application.
				Advance over Base.
4od	5	4	17	\$0 25
3od	4 1/2	5	23	25
2od	4	6	30	35
12d	3 1/4	9	60	45
1od	3	9 1/2	78	50
8d	2 1/2	10 1/2	112	60
7d	2 1/4	11 1/2	162	75
6d	2	12	210	75
5d	1 3/4	12 1/2	270	90
4d	1 1/2	13	342	90
3d	1 1/4	14 1/2	677	1 20

SLATING NAILS.



Full Size Cut of 3d Slating Nail.

Size.	Length in inches.	Wire gauge thickness.	No. in 1 lb.	Base Price on Application.
				Advance over Base.
5d	1 3/4	10	125	\$0 90
4d	1 1/2	11	198	1 00
3d	1 1/4	11	230	1 20

WIRE FINISHING NAILS.



Full Size Cut of 8d Wire Finishing Nail.

Size.	Length in inches.	Wire gauge thickness.	No. in 1 lb.	Base Price on Application.
				Advance over Base.
2od	4	10	61	\$0 60
12d	3 1/4	12	120	65
1od	3	12	134	75
8d	2 1/2	13	214	90
7d	2 1/4	14	317	1 10
6d	2	14	359	1 10
5d	1 3/4	15	491	1 25
4d	1 1/2	16	767	1 45
3d	1 1/4	16	884	1 65

BARBED ROOFING NAILS.



Full Size Cut of 1 inch Barbed Roofing Nail.

Length in inches.	Wire gauge thickness.	No. in 1 lb.	Base Price on Application.
			Advance over Base.
2	9	90	\$0 90
1 3/4	10	135	1 05
1 1/2	10	154	1 10
1 1/4	11	231	1 25
1	12	384	1 50

CUT NAILS.

The following information will be found useful to carpenters:

	Length of Nails.	No. to a lb.		Length of Nails.	No. to a lb.
6od	6	10	8d	2½	95
5od	5½	12	7d	2¼	132
4od	5	15	6d	2	180
3od	4½	20	5d	1¾	200
2od	4	30	4d	1½	330
12d	3¾	44	3d	1¼	450
1od	3	64	3df	1⅛	760

Adopted February 21st, 1893.

Base Price sent on Application. 6od Base.

**EXTRAS.
CUT NAILS.**

5od,	\$0 10
4od,	25
3od,	25
2od,	35
12d,	45
1od,	50
8d,	60
7d, 6d,	75
5d, 4d,	90
3d Common,	1 20
3d Fine,	1 60
2d Common,	1 60

FINISHING NAILS.

12d,	\$0 60
1od,	65
8d,	75
7d, 6d,	90
5d,	1 10
4d,	1 25

CLINCH NAILS.

12d,	\$0 95
1od,	1 00
8d,	1 10
7d, 6d,	1 25

SPIKES.

All sizes, \$0 50

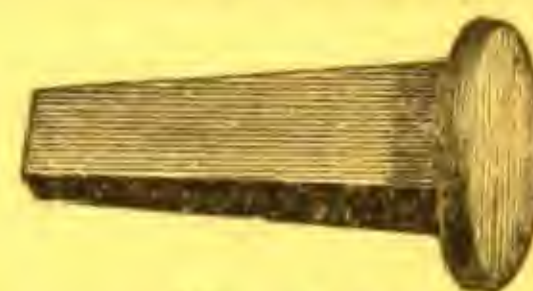
SLATING NAILS.

6d,	\$0 80
5d,	90
4d,	1 00
3d,	1 20

BARREL AND ROOFING NAILS.

1½ inch,	\$0 90
1¼ inch,	1 20
1 inch,	1 50

WALL NAILS.



No. 856.

Malleable Iron Wall Nails, . per lb., \$0 10

FLOOR NAILS.



No. 857.

Brass Floor Nails, per lb., \$0 50

CASKET NAILS.



No. 858.

Casket Nails, per lb., \$0 50

AJAX 1, 2, AND 3-PLY ROOFING.



No. 1	Roofing, per roll of 100 square feet,	26 inches wide,		
No. 2	"	"	32	"
No. 3	"	"	32	"
				\$0 90
				1 10
				1 40

ROSIN-SIZED SHEATHING.

36 inches Wide.

No. 5.	Per roll of 500 square feet,			
No. 7.	"	"	"	\$1 25
No. 17.	"	1,000	"	1 50
No. 20.	"	500	"	1 70
				1 60

RED MANILLA SHEATHING.

36 inches Wide.

No. 6.	Per roll of 500 square feet,			
No. 6x.	"	"	"	\$2 65
No. 6xx.	"	"	"	4 00
No. 8xx.	"	"	"	4 85
				3 00

HYGEIA SHEATHING.

Healthful, Water-proof, Air-tight. 36 inches Wide.

No. 26.	Per roll of 900 square feet,			
No. 27.	"	500	"	\$1 75
				1 75

ROOF COATING.



50 gallon package,	Per gal.
25 " "	\$0 22
5 to 10 gallon package,	25
1 to 2 " "	30
	35

ROOFING BRUSH.



Each,	\$1 25
-----------------	--------

ROOFING CAPS.



1 1/4-inch,	per lb., \$0 10
-----------------------	-----------------

ROOFING NAILS.

Suitable for Roofing Caps.

1 1/4-inch,	\$0 06
-----------------------	--------

MILL SUPPLIES.



Baeder, Adamson & Co.'s Best Flint Paper.

	Per ream.	Per quire.
Nos. 00, 0, $\frac{1}{2}$, 1, $1\frac{1}{2}$,	\$2 25	\$0 15
" 2, $2\frac{1}{2}$, 3,	2 50	16

EXTRA FLINT SAND PAPER.

In Rolls of 50 Yards.

No.	23 $\frac{1}{2}$ inches wide.
00 to $1\frac{1}{2}$,	per roll, \$2 50
2,	" 2 75
$2\frac{1}{2}$,	" 3 00
3,	" 3 25
$3\frac{1}{2}$,	" 3 75

BEST NOODLE CUT GLUE.

Per lb.,	\$0 25
" (5-lb. lots),	23
" (by barrel),	21



LE PAGE'S LIQUID FISH GLUE.

	Per doz.	Each.
$\frac{1}{2}$ Gills, in tin cans,	\$1 10	\$0 13
$\frac{1}{2}$ Pint, "	2 25	25
1 " "	3 80	38
1 Quart "	6 50	65
1 Gallon, "	18 50	1 70

BARBED BLIND STAPLES.

Sizes $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ -inch,	\$0 75 per box (10 lbs. in box).
" $\frac{3}{8}$ inch,	90 " " "

PATENT PITCHER-SPOUT PUMP.



No. 120.

Figure 120 is a cut of our Patent Pitcher-spout Pump. It will be seen by the cut that we have improved the base of the pump by straightening it in front, thus giving more room to set the side of the pail back of the end of the spout, so water will not drop outside the same. It is constructed to let back the water to avoid freezing, and combines all the latest and most valuable improvements. The cylinder of this pump is fastened to the base by our patent connection (one conical nut and bolt), rendering it a swivel cylinder and valves easy of access.

No. 1, of 2½-inch bore, suitable for	¾ or 1 inch pipe,	price each,	\$1 70
No. 2, of 3	1 or 1¼	"	1 90
No. 3, of 3½	1¼ or 1½	"	2 10
No. 4, of 4	1½ or 1¾	"	2 30

The above pumps are nicely arranged for either Lead or Iron Pipe; the *Valve Seat is Brass*.

WROUGHT STEEL SINKS.

INDESTRUCTIBLE.



Size.	Depth.	Plain.	Galvanized.
16x24 inches,	6 inches,	\$1 50	\$2 25
18x30 "	6 "	2 05	2 80
18x36 "	6 "	2 45	3 65
20x30 "	6 "	2 45	3 50
20x36 "	6 "	3 00	4 35
20x40 "	6 "	3 25	4 75

BAR RAIL BRACKETS.

FINELY POLISHED.



No. 858.

No. 860.

No. 862.

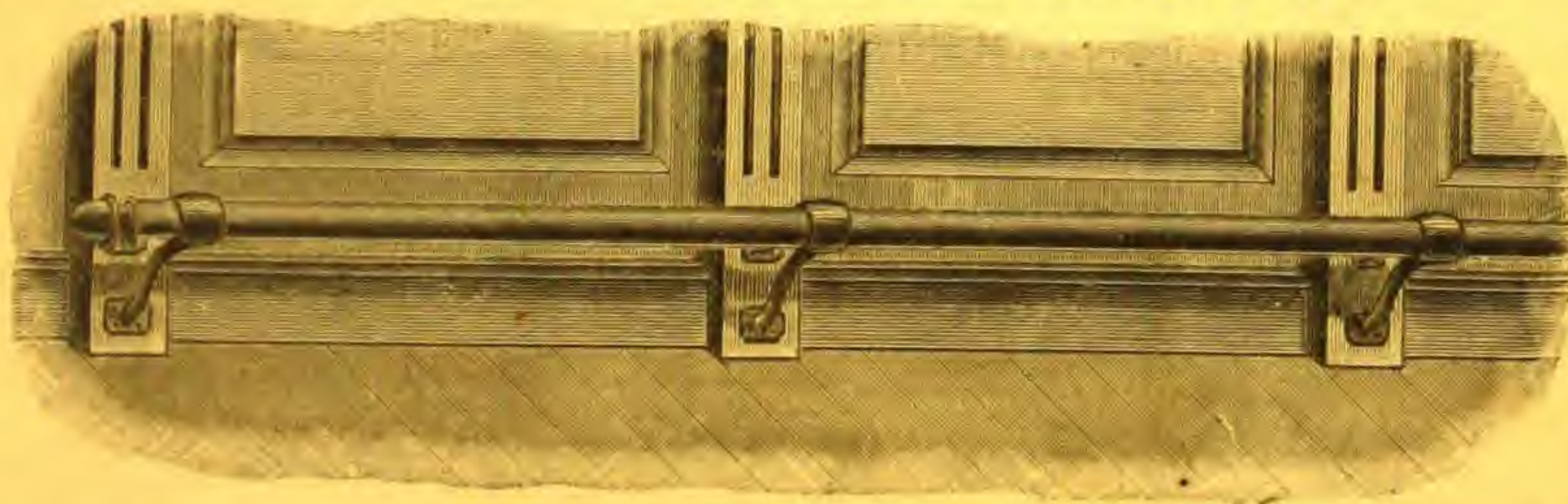
These Cuts are one-third size.

No. 858.	Polished Brass Bar Rail Brackets,	each,	\$1 35
" 859.	" " " nickel-plated,	"	1 65
" 860.	" " " nickel-plated,	"	1 50
" 861.	" " " nickel-plated,	"	1 85
" 862.	" " " nickel-plated,	"	2 00
" 863.	" " " nickel-plated,	"	2 50

Any size or shape bracket made to order.

In ordering brackets, please send size and position of rail and counter.

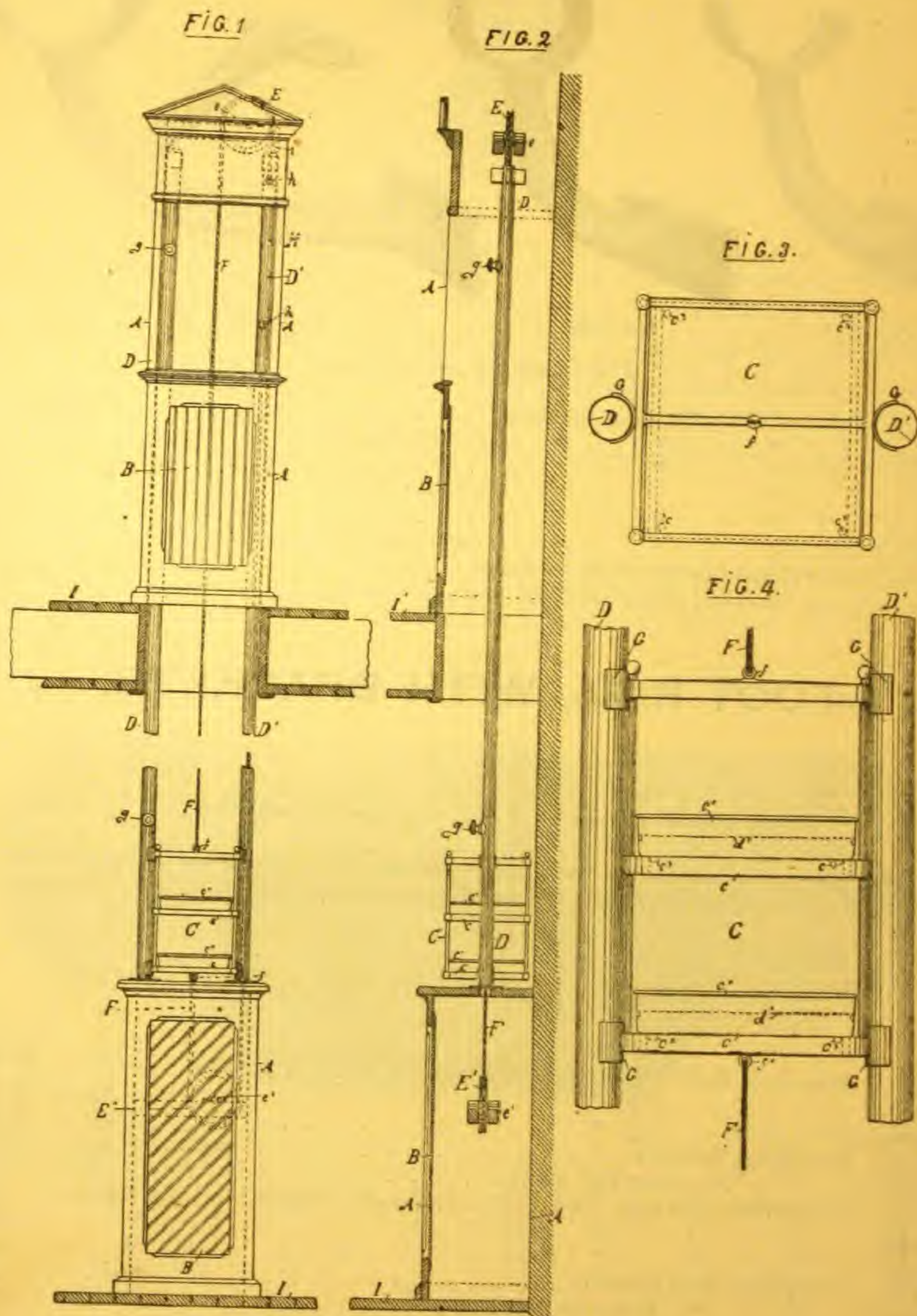
FOOT RAIL, WITH BRACKETS.



No.	Description	Brass.	Nickel-plated.
No. 960.	Brass Foot Rail, $1\frac{1}{4}$ -inch outside measure, per foot,	\$0 65	\$0 85
" 961.	" " $1\frac{1}{2}$ " " " " " " " " " "	75	1 00
" 962.	" " $1\frac{3}{4}$ " " " " " " " " " "	1 00	1 35
" 963.	Cast Brass Brackets, each,	2 00	2 50
" 969.	" Acorn or Ball Ends, "	75	1 00
" 965.	Galvanized Iron Foot Rail, $1\frac{1}{8}$ -inch, outside measure, . . per foot,		25
" 966.	" " " $1\frac{3}{8}$ " " " " " " " " " "		35
" 967.	" " " $1\frac{5}{8}$ " " " " " " " " " "		45
" 968.	Galvanized Iron Brackets, each,		75
" 970.	" " Acorn or Ball Ends, "		30

For bending pipe to go around corners, there will be an additional charge.

FRIEDGEN'S PATENT DUMB WAITER.



For description see page 145.

FRIEDGEN'S PATENT DUMB WAITER.

This Dumb Waiter is operated by hand-power, and is intended to be used in Dwellings, Hotels, and Restaurants.

It consists of certain novel features in the construction and arrangement of a car provided with curved guide plates, rigidly attached to the sides thereof, and fitting around a portion of the cylindrical surfaces of two tubes secured within the main casing, perfectly made of seamless brass; one of these tubes used for the running of a counter weight, each end of this counter weight having a rope attached, secured to the top and bottom of the car passing over suitable size pulleys.

The other tube is utilized for a speaking tube. By this novel arrangement a neat and compact Dumb Waiter is obtained.

In the accompanying drawings Figure 1 shows a front elevation partly in section. Figure 2 is a side elevation of the same. Figure 3 is a top view of the car, showing the Brass Tubes, serving to guide the car in its movement upward and downward, and one of them for allowing the counter weight to travel in, and the other for a speaking tube. Figure 4 is a side elevation of the car on an enlarged scale.

Parts appearing in more than one figure are represented by the same reference letter.

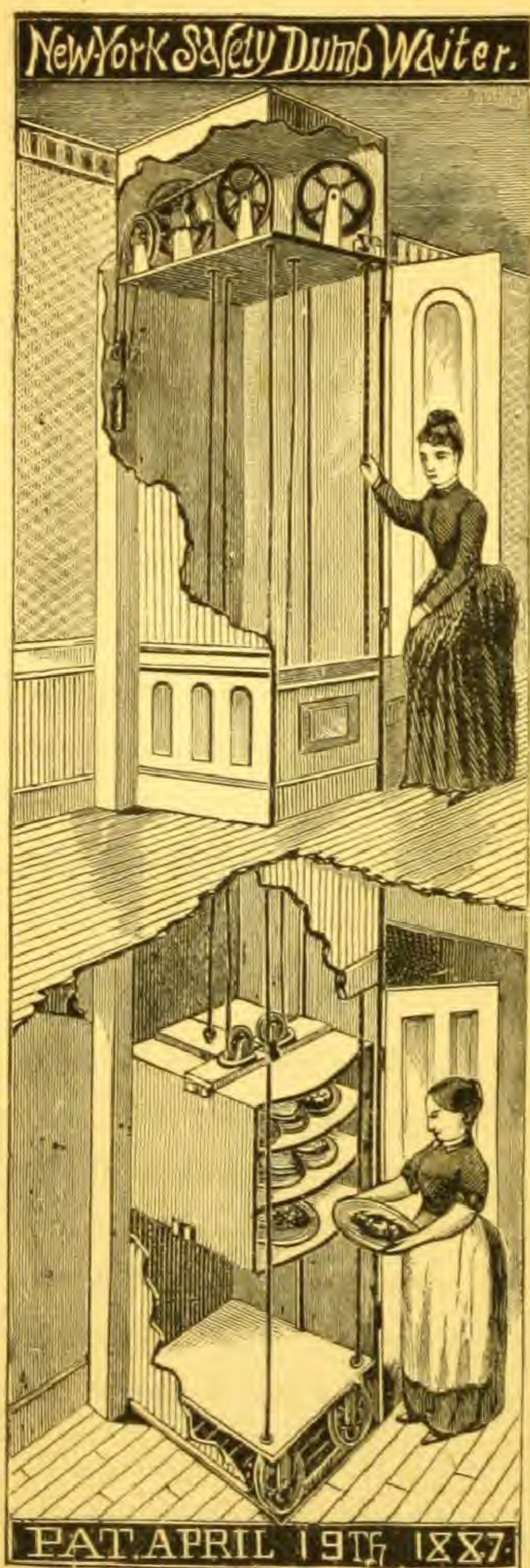
A represents the main case or frame-work enclosing the mechanism of the apparatus. The car A extends upward through as many stories of a building as may be required, and is provided with suitable Doors, B, to permit access to the Waiter. C represents the car having a number of shelves, which can be furnished with trays provided with perforated false bottoms, allowing liquids contained in glasses or other receptacles spilling while being elevated to drain through these perforated plates into the bottom of the trays, thus permitting of the easy removal of the trays without in the least damaging whatever may be upon the remaining shelves of the car.

Tube D is provided with suitable mouth-piece, G, at convenient place for use as a speaking tube.

This Dumb Waiter will be furnished complete and erected in place, or the material will be sold, the price depending on the size and length of the Tubes.

THE NEW YORK SAFETY DUMB WAITER

Has only to be seen to be appreciated and pronounced the most simple and complete of any of its class.



Fixtures for any size Waiter, ALL ONE SIZE. It is provided with SAFETY ROPE, avoiding accident or breakage in case the hoisting rope breaks from long use.

It is so simple to set up that any ordinary mechanic, by the aid of our diagrams and instructions, which accompany each set, need never fail to complete it properly. They are packed one complete set in a case.

They run closer to the ceiling and nearer to the floor than any waiter in the market.

Each set is provided with a clamp brake, in order that the car when loaded (beyond balance) may be held at any desired point.

It MOVES WITH PERFECT EASE, and any child of ten years can operate it. It is absolutely noiseless, and has no parts that are liable to breakage.

The ROPES ARE ALWAYS TIGHT, the manner in which the counterpoise weight is attached allowing for either stretch or shrinkage.

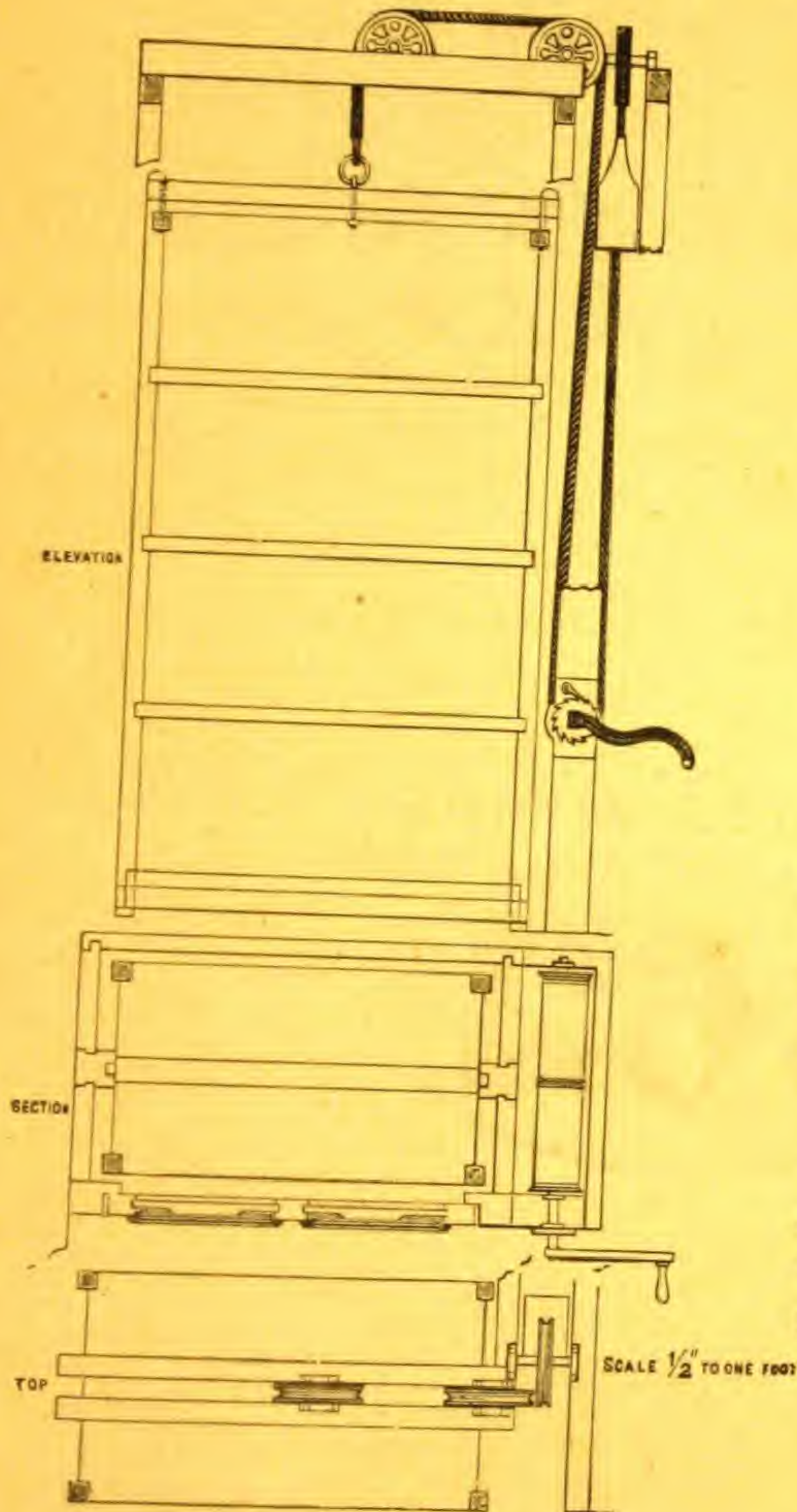
A full size diagram accompanies each set of fixtures, showing the position of wheels on top shelf of well hole as usually placed.

The set, as packed in a case complete, consists of the following pieces: Six 8-inch wheels, two 4-inch wheels, one pulley for weight and safety rope, six $1\frac{1}{4}$ -inch thimbles, one $\frac{3}{4}$ -inch thimble, one ring for safety rope, one cam brake, one ring for brake cord, one screw eye for guide to brake cord, one patent plate.

There being only one size of Fixtures for any size of Waiter, there is only

ONE PRICE, VIZ.: \$15.00 PER SET.

DUMB WAITER HOISTS.



This cut represents a balanced Dumb Waiter moved by a Crank.

It is of a size and price suitable for Dwellings, Stores, Hotels, Hospitals, and Factories.

It is convenient, easy, and rapid to operate, and comparatively inexpensive.

There are many in use, the sliding case varying in size from 12 inches square to 18 or 20 inches by 36 inches, the size being determined by the room that can be spared for such a purpose.

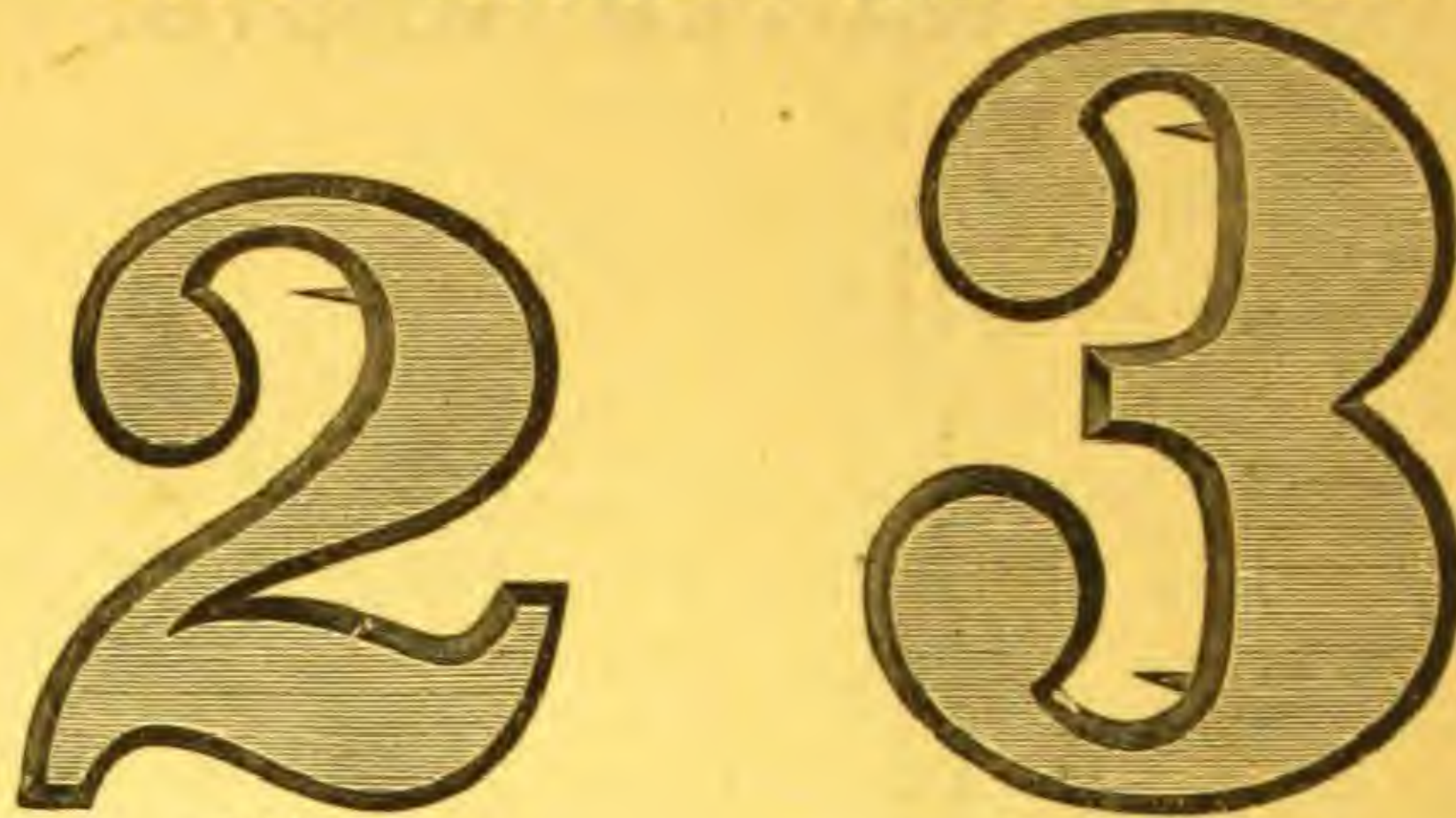
The cut is intended to give an idea of about the size generally used in Dwelling Houses and the manner of putting it up.

The Windlass Crank and Bearings for an ordinary size Dumb Waiter, will cost . . . \$12 50
 One Rope Eye, 25
 The cost of Rope and Weight will depend on the length of Rope and size of Weight.

DUMB WAITER WHEELS.

4	5	6	7	8	10	12	14	16 inch.
\$0 65	\$0 75	\$0 85	\$0 90	\$1 00	\$1 25	\$1 50	\$1 75	\$2 00 each.

CAST BRASS NUMBERS.



1½ inch.

2 inch.

¾ inch Cast Brass Numbers, Polished Brass,						Dozen.	Each.
						\$0 60	\$0 06
1	"	"	"	"	"	60	06
1 ¼	"	"	"	"	"	75	08
1 ½	"	"	"	"	"	90	09
2	"	"	"	"	"	1 20	12
2 ½	"	"	"	"	"	1 50	15
3	"	"	"	"	"	1 90	20
4	"	"	"	"	"	3 00	30

BRASS AND PLATED NUMBER PLATES.



No. 82.

Nos.		Each.
82.	Nickel-plated, one or three figures,	\$0 25
82.	Burnished Brass, one or three figures,	20



No. 78.



No. 83.



No. 84.

No.		Each.
78.	Nickel-plated, one or three figures,	\$0 15
78.	Burnished Brass, one or three figures,	12
83.	Nickel-plated, one or three figures,	15
83.	Burnished Brass, one or three figures,	12
84.	Nickel-plated, one or three figures,	12
84.	Burnished Brass, one or three figures,	09

DECORATED PORCELAIN NUMBER PLATES.



No. 430.	Large Shield, $2\frac{3}{4} \times 3$, black numbers, gold shade and gold band, per doz.,	\$2 50
" 431.	Large Shield, $2\frac{3}{4} \times 3$, black numbers only, per doz.	2 00
" 432.	Medium Shield, $2\frac{1}{2} \times 2\frac{3}{4}$, black numbers, gold shade and gold band, per doz.,	2 35
" 433.	Medium Shield, $2\frac{1}{2} \times 2\frac{3}{4}$, black numbers only, per doz.,	1 90
" 434.	Pew Shield, $2 \times 2\frac{1}{4}$, black numbers, gold shade and gold band, per doz.,	2 25
" 435.	Pew Shield, $2 \times 2\frac{1}{4}$, black numbers only, per doz.,	1 80
" 436.	Berth Shield, $1\frac{1}{4} \times 1\frac{1}{4}$, black numbers, gold shade and gold band, per doz.,	1 40
" 437.	Berth Shield, $1\frac{1}{4} \times 1\frac{1}{4}$, black numbers only, per doz.,	1 15

DECORATED PORCELAIN PUSH AND PULL PLATES.

No. 440.	Large Shield, $2\frac{3}{4} \times 3$, black letters, gold shade and gold band, . . . each,	\$0 40
" 441.	Pew " $2 \times 2\frac{1}{4}$, " " " " " "	" 35
" 465.	Finger Plates $3\frac{1}{2} \times 12$, " " " " " "	1 55
" 464.	" 3×10 , " " " " " "	1 25
" 463 $\frac{1}{2}$.	" $2\frac{1}{2} \times 9$, " " " " " "	1 00
" 463.	" $2\frac{1}{2} \times 8$, " " " " " "	85
" 461.	" $2\frac{1}{4} \times 7$, " " " " " "	60
" 462.	" $2\frac{1}{2} \times 6$, " " " " " "	60
" 460.	" $1\frac{1}{4} \times 6$, " " " " " "	40
" 459.	" $1\frac{1}{4} \times 5$, " " " " " "	30

DECORATED PORCELAIN BOARDING OR NAME PLATES.

No. 493.	Finger Plates, $3\frac{1}{2} \times 12$, black letters, gold shade and gold band, . . each,	\$1 80
" 491.	" 3×10 , " " " " " "	1 40
" 475.	" $2\frac{1}{2} \times 9$, " " " " " "	1 25
" 473.	" $2\frac{1}{2} \times 8$, " " " " " "	1 00
" 471.	" $2\frac{1}{4} \times 7$, " " " " " "	70
" 485.	" $2\frac{1}{2} \times 6$, " " " " " "	70
" 483.	" $1\frac{1}{2} \times 9$, " " " " " "	1 10
" 482.	" $1\frac{1}{2} \times 8$, " " " " " "	95
" 481.	" $1\frac{1}{2} \times 7$, " " " " " "	70
" 470.	" $1\frac{1}{4} \times 6$, " " " " " "	50
" 480.	" $1\frac{1}{4} \times 5$, " " " " " "	40

SHUTTER STAYS.



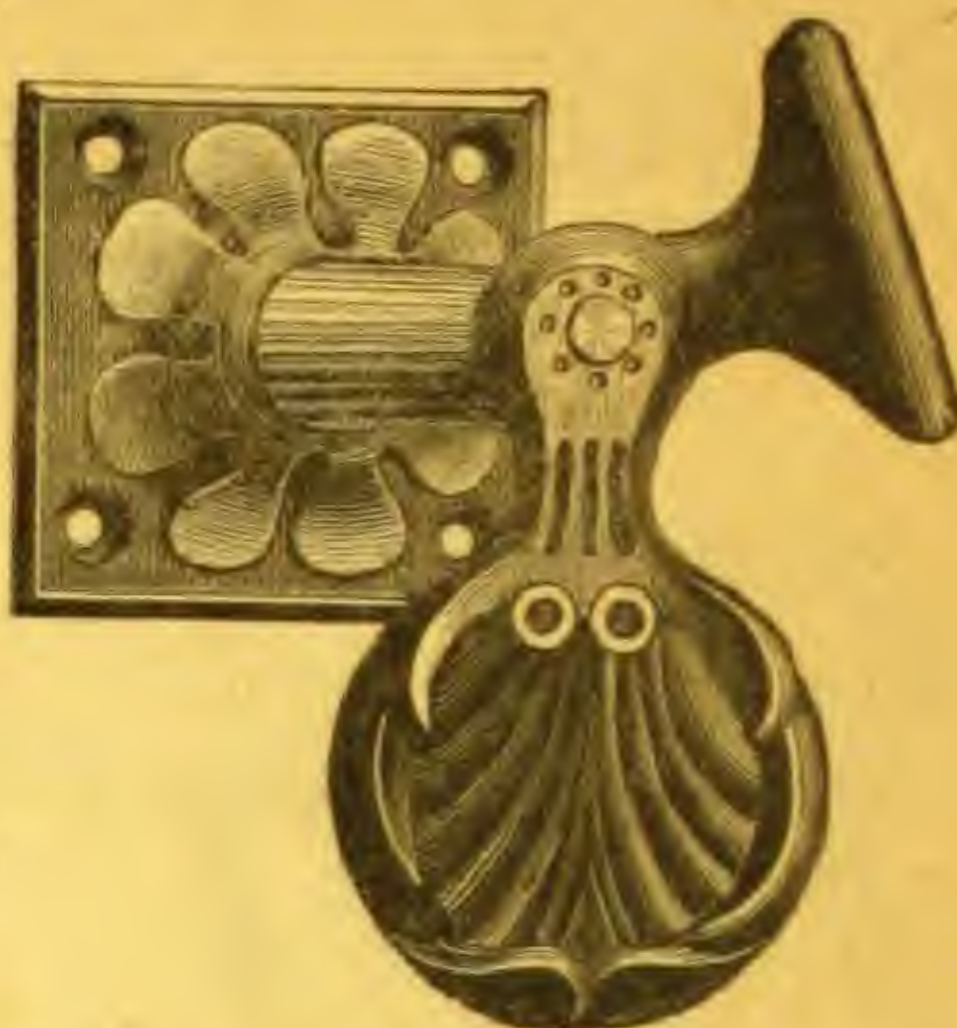
No. 555.

No. 555. Japanned Shutter
Stays, to drive,
Light, \$0 43
Heavy, 63

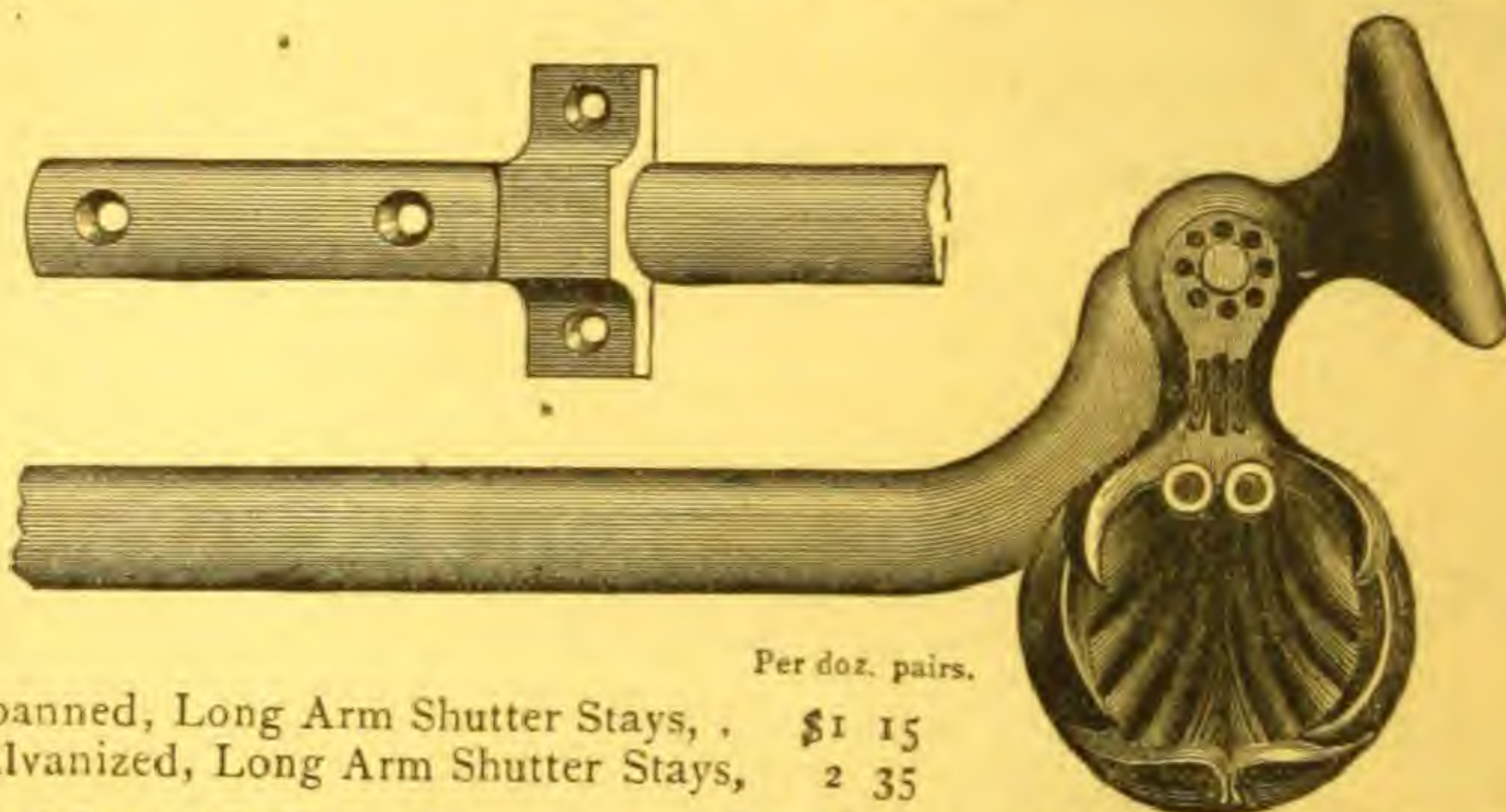
556. Galvanized Shutter
Stays, to drive,
Light, 80
Heavy, 1 15

560. Japanned Shutter
Stays, to Screw
on, 75

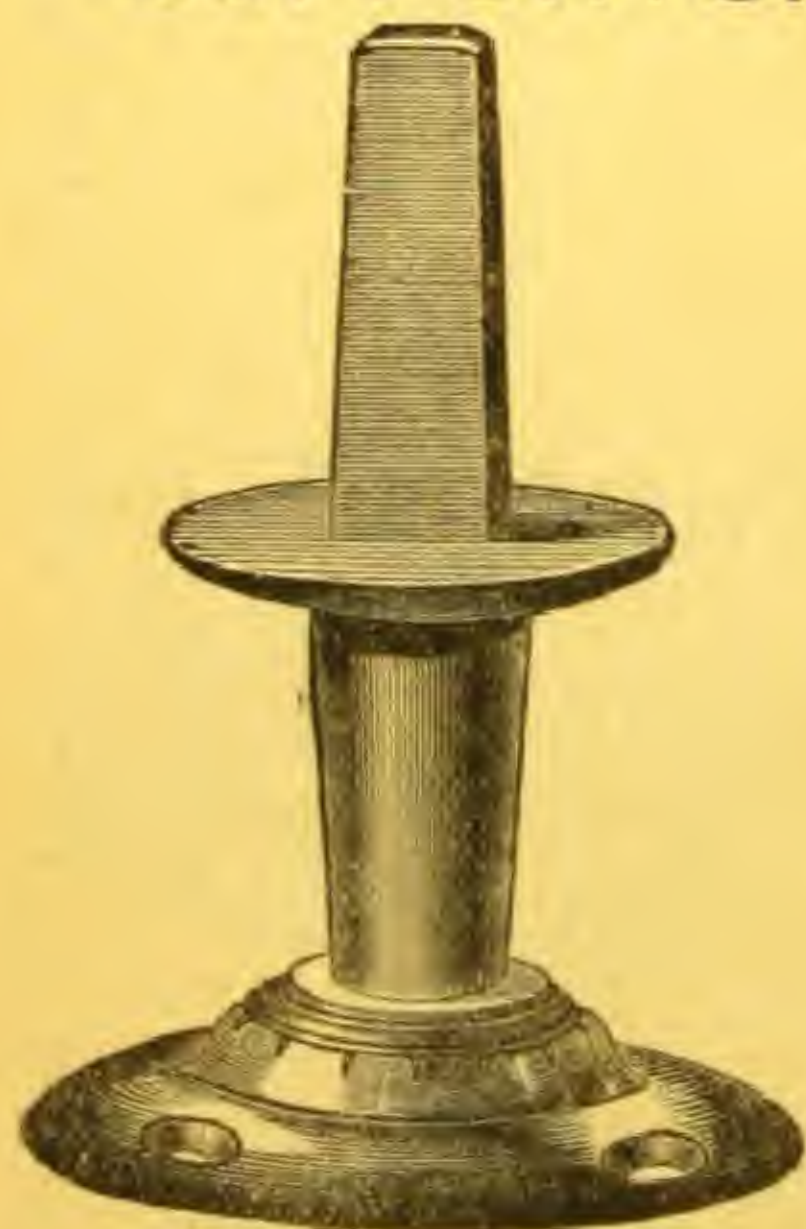
561. Galvanized Shutter
Stays, to Screw
on, 1 40



No. 560.



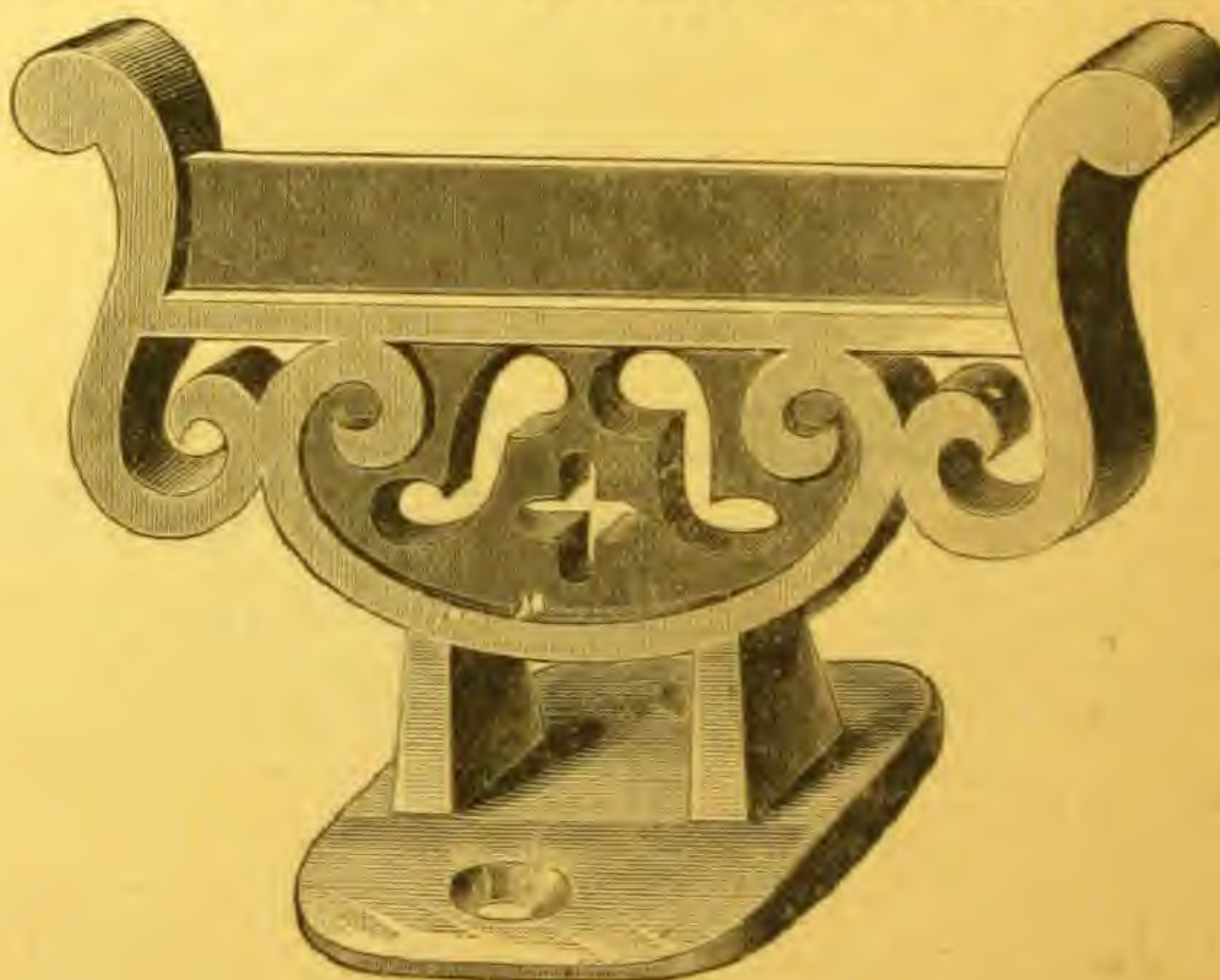
No. 565. Japanned, Long Arm Shutter Stays, . \$1 15
566. Galvanized, Long Arm Shutter Stays, . 2 35

PORCH POST
SUPPORTS.

No. 1.

Japanned Porch support
Irons, Per doz., \$1 15.

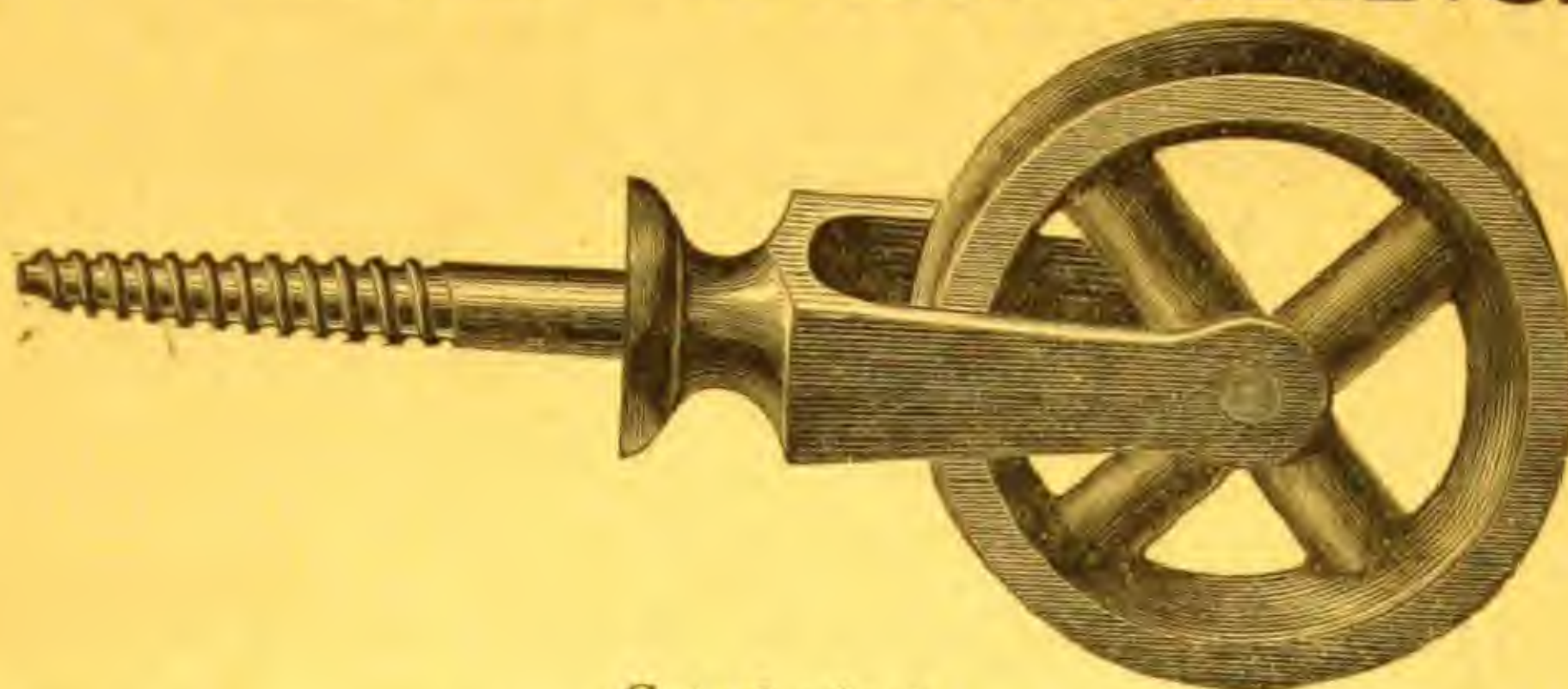
FOOT SCRAPERS.



Half Size Cut of No. 10.

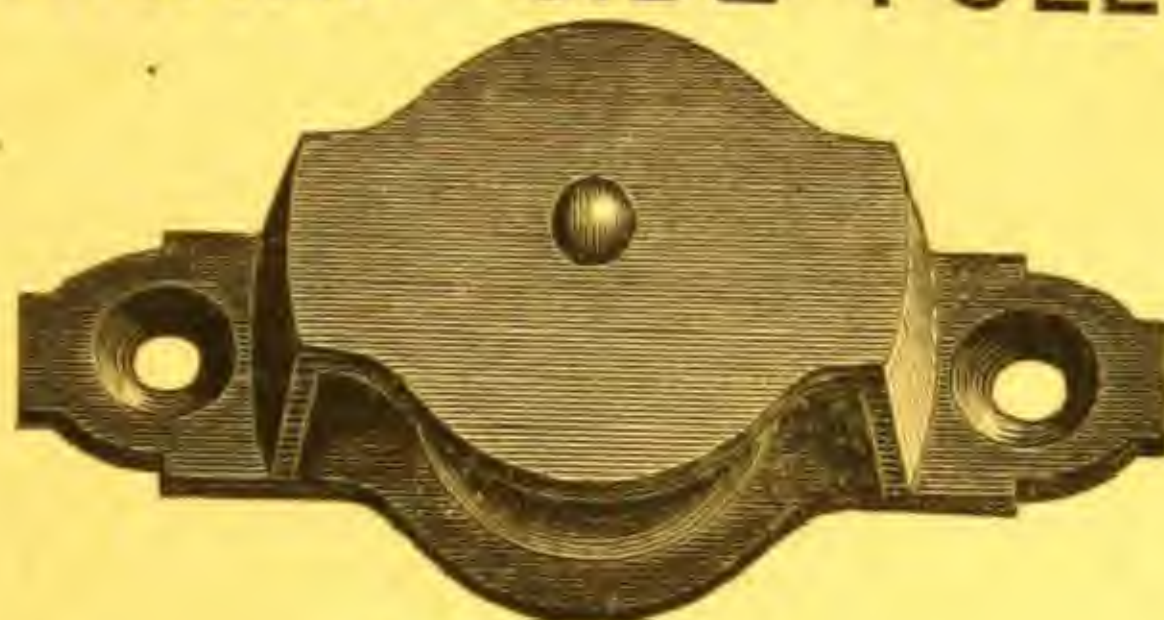
Description.	Galvanized Each.	Japanned, Each.
10. For Wood,	\$0 25	\$0 12
11. For Stone to lead in,	25	12

JAPANNED SCREW PULLEYS.



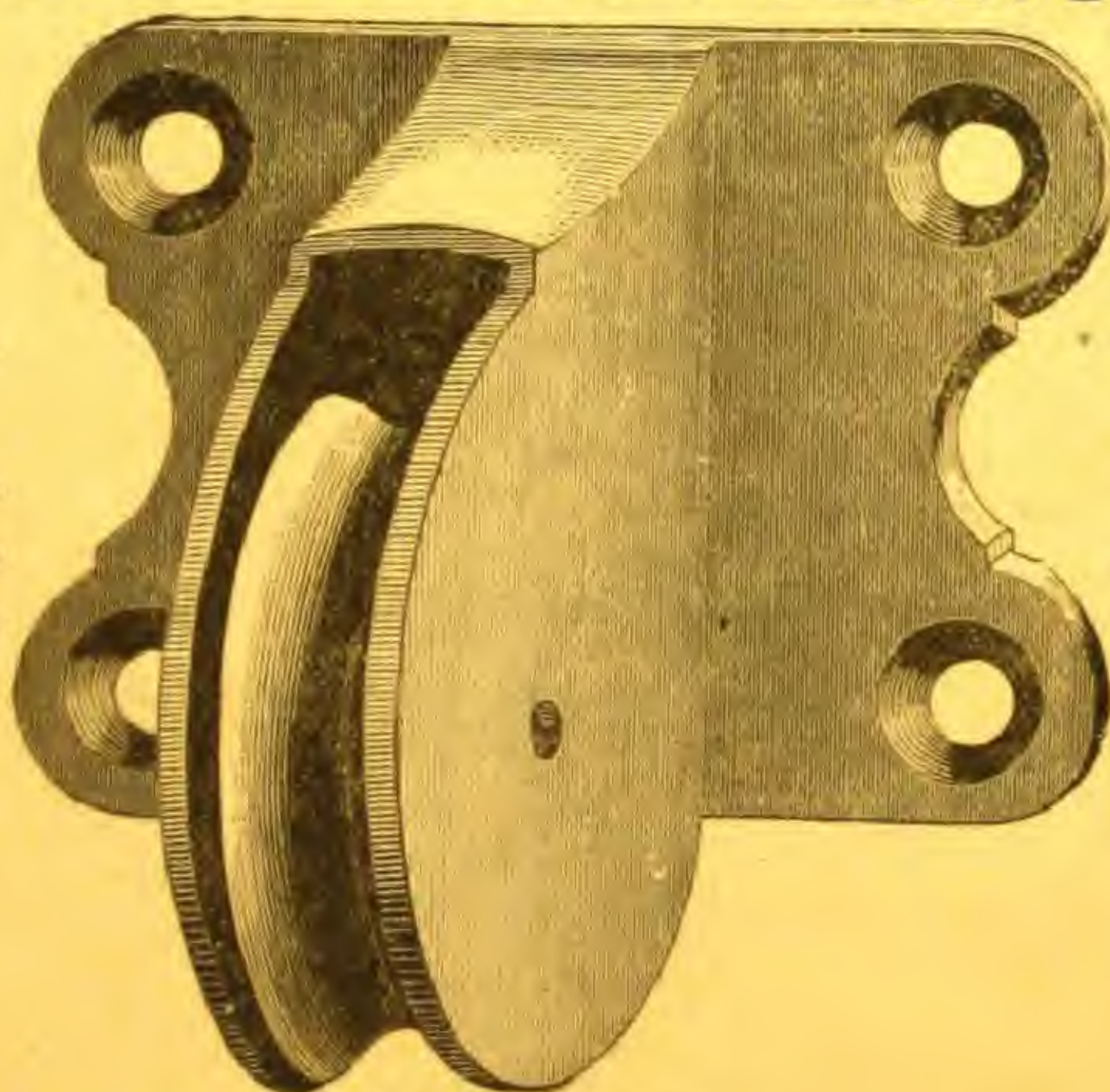
Japanned—Size,	1½	1¾	2	2½	3	4	5 inch.
Per doz.,	\$0 24	\$0 32	\$0 40	\$0 55	\$0 80	\$2 00	\$3 25
Each,	04	05	06	07	10	25	40

JAPANNED SIDE PULLEYS.



Japanned—Size,	1	1½	1¾	2	2½	3	4 inch.
Per doz.,	\$0 32	\$0 36	\$0 45	\$0 55	\$0 85	\$1 15	\$3 00
Each,	05	06	07	08	12	15	35

HOT HOUSE PULLEYS.



SINGLE WHEEL JAPANNED.

	Per doz.	Each
1¾ in.,	\$0 72	\$0 10
2 "	90	12
2½ "	1 15	15

DOUBLE WHEEL JAPANNED.

	Per doz.	Each
1¾ in.,	\$1 10	\$0 15
2 "	1 35	18
2½ "	1 80	22

Cut of 1¾ inch.

HOOKS AND EYES.



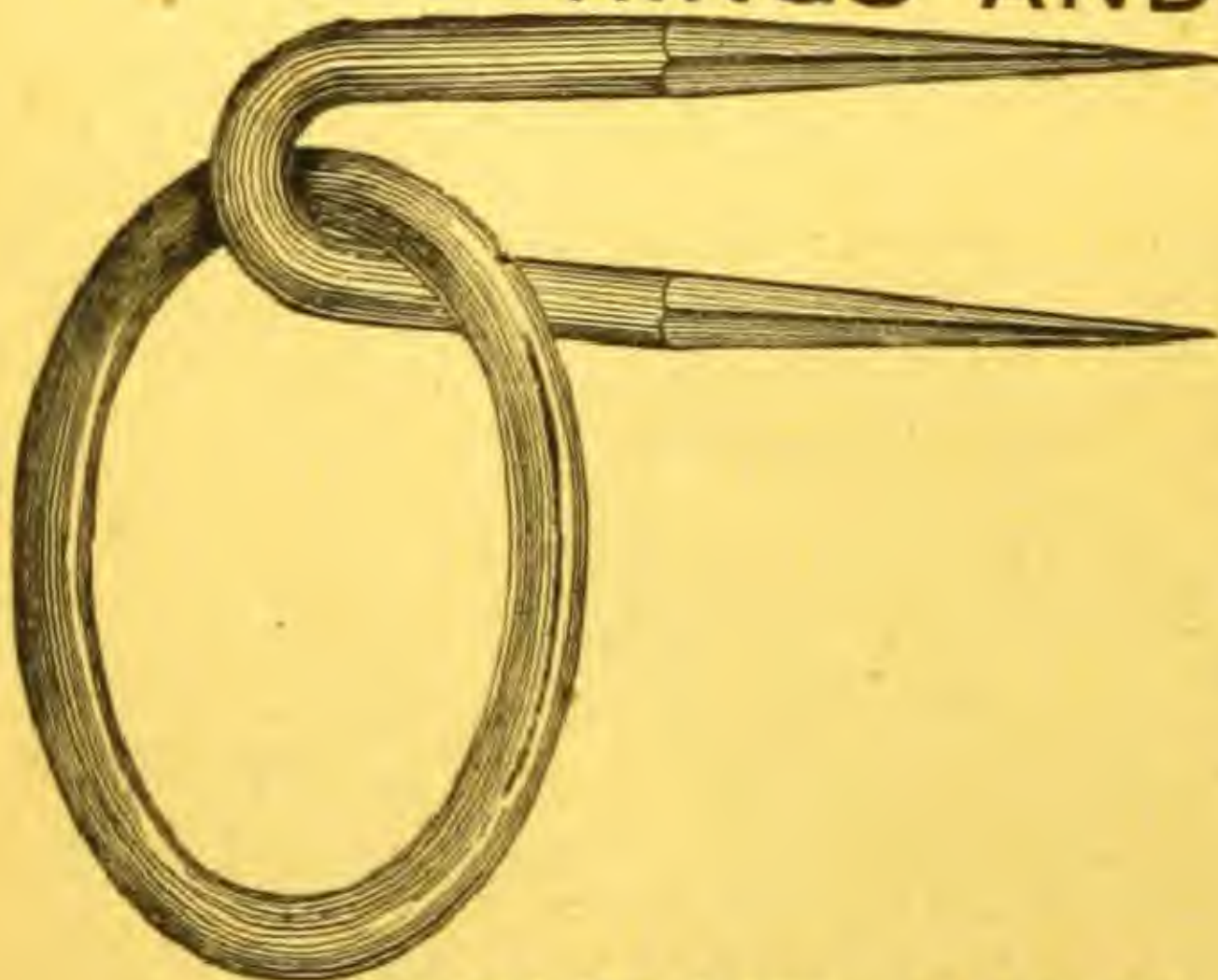
		Full size cut of 2½ inch.									
Sizes,		1½	2	2½	3	4	5	6	10	12 inch.	
Per doz.,		\$0 10	\$0 12	\$0 14	\$0 16	\$0 20	\$0 25	\$0 30	\$0 60	\$0 75	

TWISTED HOOKS AND STAPLES.



		No. 675.									
Sizes,		2½	3	3½	4	5	6	8	10	12 inch.	
Per doz., plain,		\$0 15	\$0 18	\$0 20	\$0 22	\$0 30	\$0 35	\$0 60	\$0 75	\$0 90	
" tinned,		30	32	35	38	55	65	1 00	1 20	1 40	

RINGS AND STAPLES.



		Per doz.	
		Plain.	Tinned.
1¼ inch Rings and Staples,		\$0 10	\$0 13
1½ " " "		12	15
2x¼ " " "		35	45
2½x⅝ " " "		45	70
3x¾ " " "		60	90

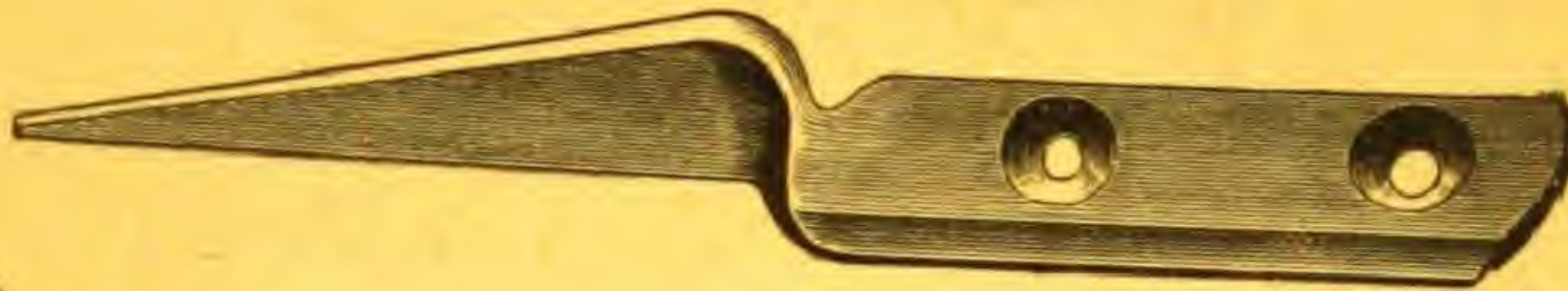
WROUGHT IRON BAR STAPLES.



Half Bar Staple.

Description.		Per dozen.		Each.
Wrought Iron Half Bar Staples, for 1 to 2 inch Bars,		\$1 00		\$0 10
Wrought Iron Whole Bar Staples, for 1 to 2 inch Bars,		1 80		18

STAY NAILS.



Size.					Plain.	Tinned.
No. 2.	6 inch	Stay Nails,	.	.		
" 4.	8 "	" "	"	"	\$0 32	\$0 40
" 5.	10 "	" "	"	"	50	72
					65	90

HINGE RIVETS.

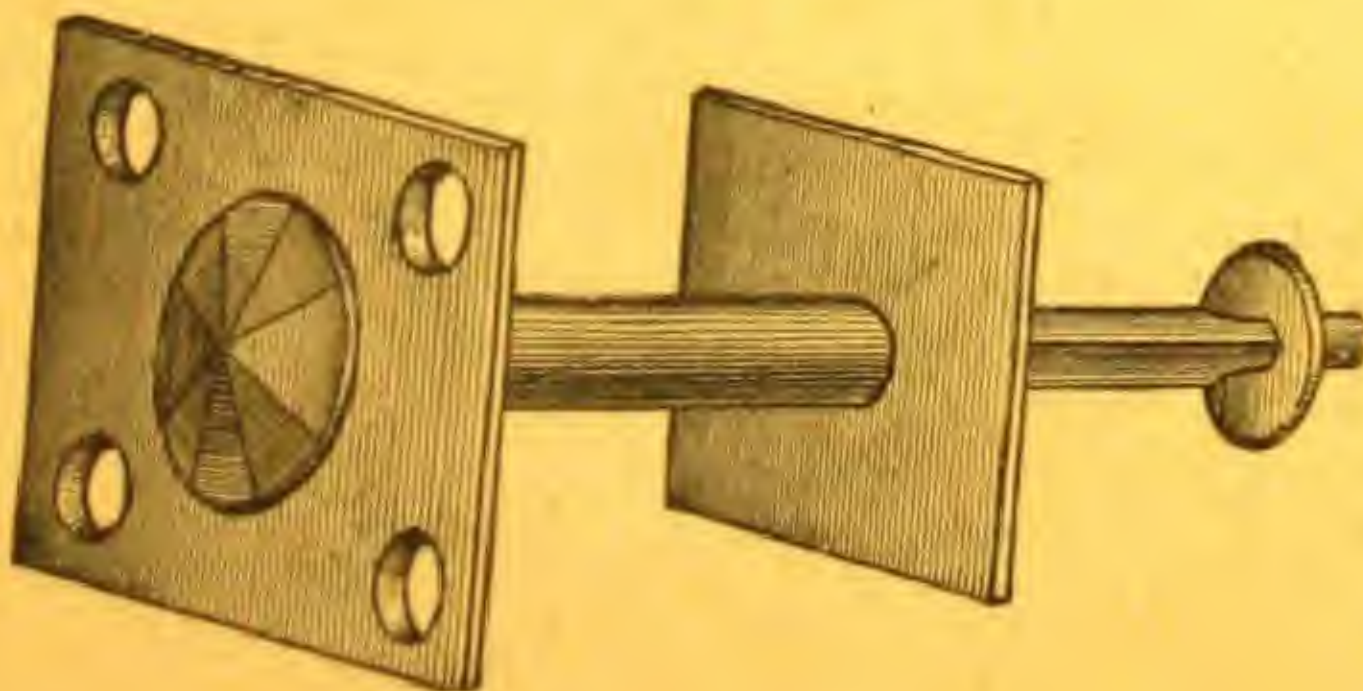


Sizes, Inches, Diameter.	Description.	Per Pound.
$\frac{1}{4}$	Hinge Rivets, $1\frac{1}{4}$ to 4 inches long,	\$0 11
$\frac{5}{16}$	Hinge Rivets, $1\frac{1}{4}$ to 4 inches long,	10

HINGE NAILS.



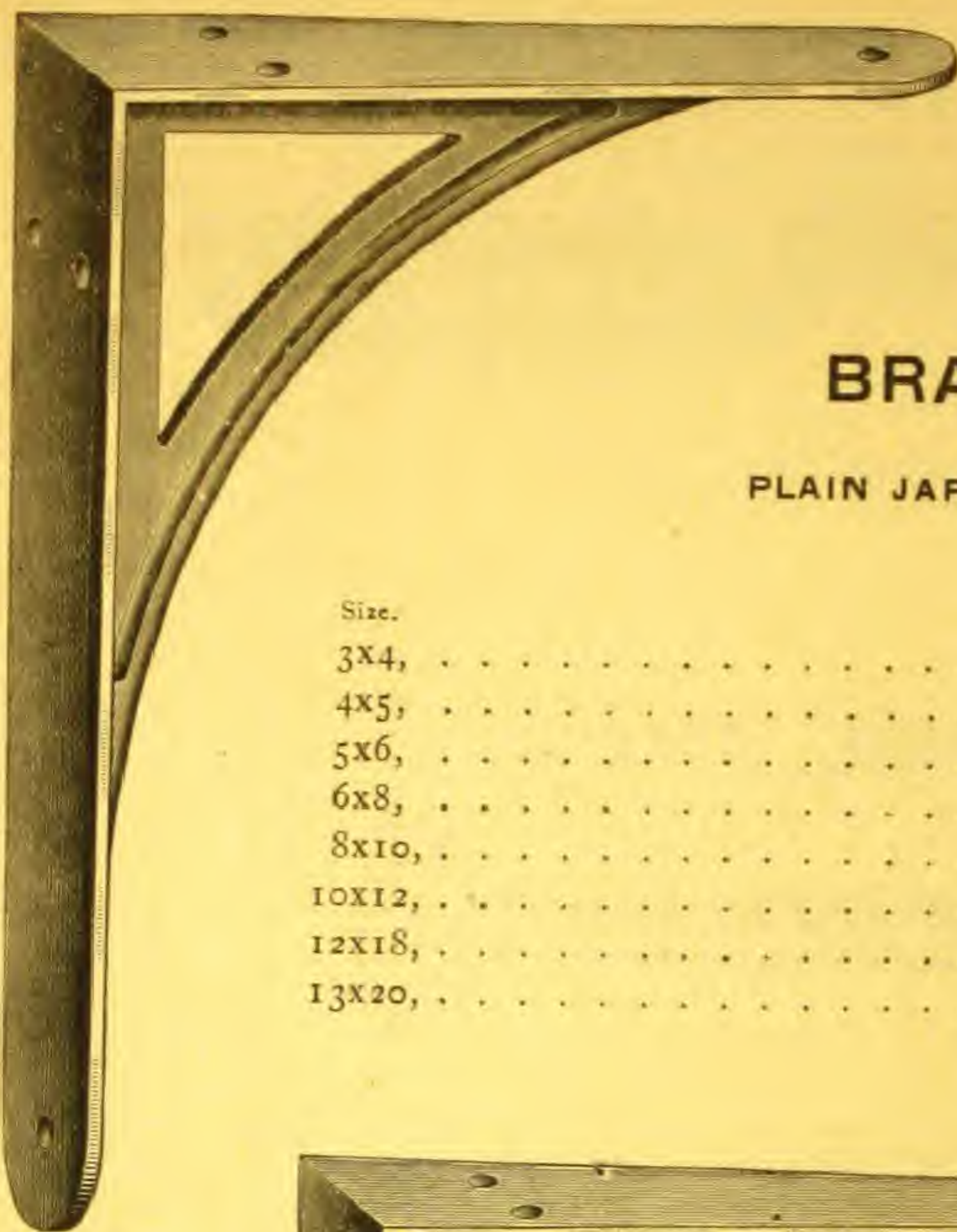
Size, Inches Diameter.	Description.	Per Pound.
$\frac{3}{16}$	Hinge Nails, 2 to 4 inches long,	\$0 20
$\frac{1}{4}$	Hinge Nails, 2 to 4 inches long,	14
$\frac{5}{16}$	Hinge Nails, 2 to 4 inches long,	13



BAR PINS.

No. 685.

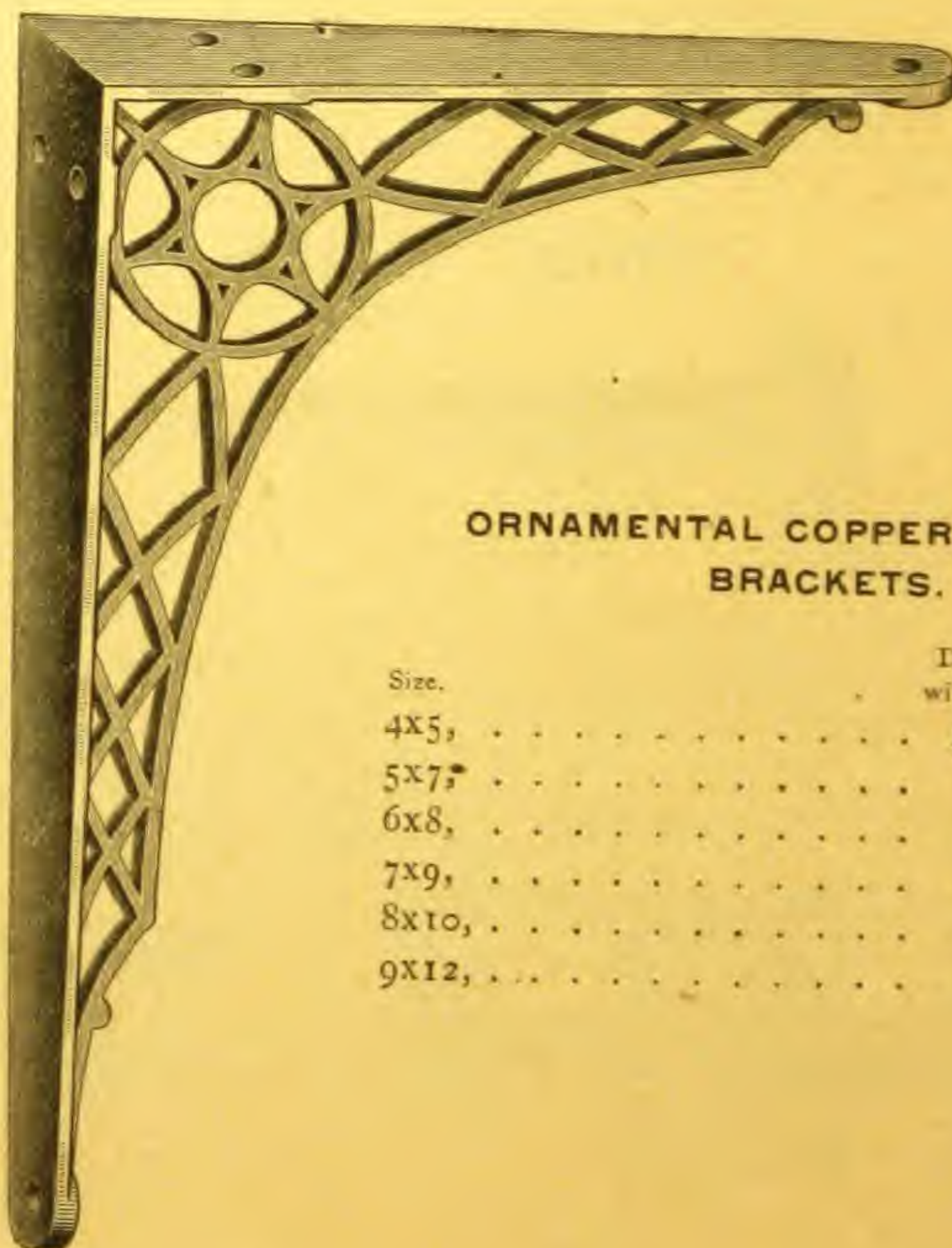
	Each.
Bar Pins,	\$0 12



BRACKETS.

PLAIN JAPANNED BRACKETS.

Size.	Doz. pairs, without Screws.	Per pair, with Screws.
3x4,	\$0 30	\$0 07
4x5,	40	10
5x6,	65	12
6x8,	90	15
8x10,	1 25	20
10x12,	1 80	25
12x18,	3 30	35
13x20,	3 90	40



ORNAMENTAL COPPER BRONZED BRACKETS.

Size.	Doz. pairs, with Screws.	Per pair, with Screws.
4x5,	\$1 50	\$0 15
5x7,	1 75	18
6x8,	2 35	25
7x9,	2 90	30
8x10,	3 50	35
9x12,	4 15	40

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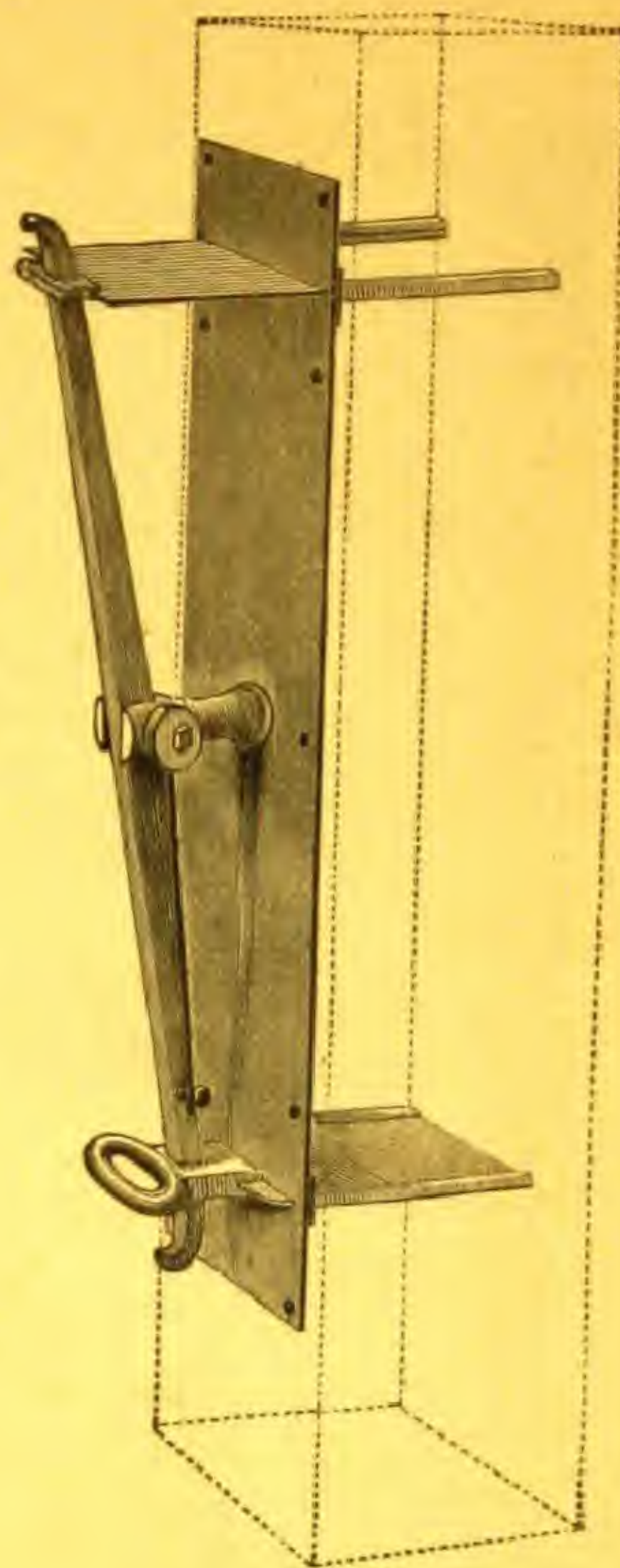
No. 110.
" 112.

FEED CUT-OFFS.

An article used in the spout leading from the feed chest to the stable, and intended to govern the supply of feed from the chest in the loft to the stable below.

The capacity between the blades of the feed cut-off is four quarts. The use of the feed cut-off is that it tends to preserve the cleanliness of the food, and enables the attendant to feed his stock rapidly, and with a correct knowledge of the quantity used.

No. 345.	Feed Cut-offs, galvanized iron, each,	\$4 00
" 346.	" " " " with brass handles and bearings, each,	6 00



TIN SPEAKING TUBE.

Tin Speaking Tube, 1 inch, in lengths of 5 feet, per 100 feet,	\$1 75
L Elbows,	per doz., 25
Round Elbows,	" 60
T Elbows,	" 1 00
Wrought Brass Bands for speaking tubes,	" 36

WHISTLE MOUTH-PIECES.

NICKEL PLATED.

		Per doz.	Each.
No. 110.	Whistle Mouth-Pieces, without indicator,	\$2 10	\$0 25
" 112.	" " " with " "	2 10	25



No. 112

STABLE FIXTURES.



No. 47. POLE BRACKETS.

Per pair,
 Japanned. Galv'niz'd
 To carry 2 poles, \$0 62 \$0 95
 To carry 4 poles,
 as sketch, . . . 1 70 2 35



HARNESS HOOKS.

No.	Projects	10 1/2 in., Japanned,	Per doz.
0.			\$2 50
1.	" 5 1/2 "	"	75
2.	" 4 "	"	50



No. 70. WHIP RACK.

To hold five whips.	Each.
Japanned,	\$0 35
Galvanized,	55



No. 99. HITCHING RING.

	Each.
Galvanized,	\$0 15
Brass,	75



No. 68. SPONGE BASKET.

Size, 14x6 1/2 inches.	Each.
Japanned,	\$0 85
Galvanized,	1 35



No. 69. SOAP CUP.

With inside strainer, size 7x4 in.	Each.
Japanned,	\$0 35
Galvanized,	55

FEED BOXES.



No. 25. Corner Feed Boxes, flange in corner, 17 inches radius, 11 inches deep.

Painted,	Each, \$1 35
Galvanized,	" 3 00

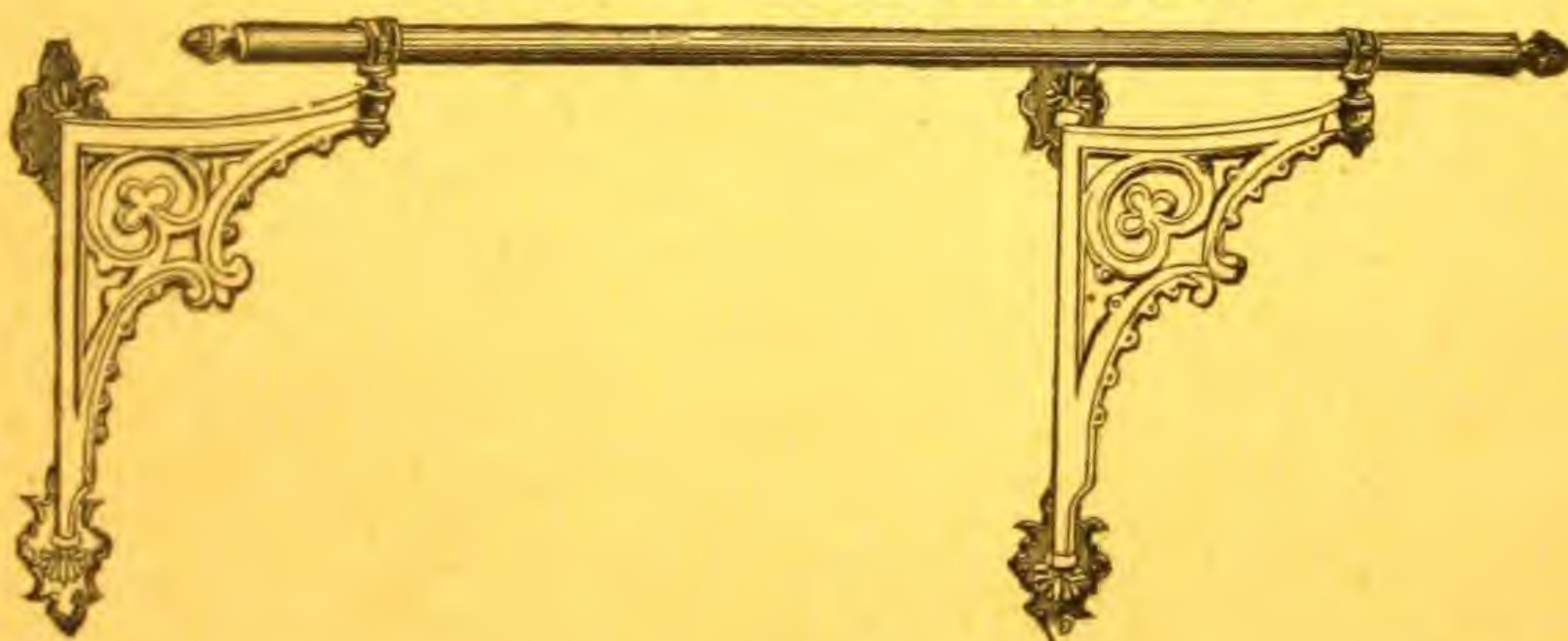
HAY RACKS.



No. 21. Corner Hay Rack, wrought-iron bars and cast-iron top and bottom; top grooved to receive casing; can be used with or without casing. Size, $\frac{1}{4}$ circle of 24 inches radius, 26 inches deep.

Japanned,	Each, \$2 35
Galvanized,	" 3 70

BLANKET BRACKETS.



No. 63. Blanket Brackets, made to swing and to fit gas pipe, rail or wood bar.

		Per pair.	
		Japanned.	Galvanized.
To swing 11 inches,		\$1 05	\$1 55
" 14 "		1 35	1 85
" 17 "		1 85	2 70

BRASS KEY TABS AND CHECKS.

	Per doz.
1. Round Brass Tabs, milled edge, $\frac{7}{8}$ inch in diameter,	\$0 06
" " " $\frac{7}{8}$ " " " stamped, and with two links of chain,	30
5. Round Brass Key Tabs, $\frac{7}{8}$ inch in diameter, with lip for chain,	10
" " $\frac{7}{8}$ " " " " stamped, and with two links of chain,	32
6. Round Brass Key Tabs, 1 inch in diameter, with lip for chain,	10
" " 1 " " " " stamped, and with two links of chain,	32
10. Round Brass Key Tabs, 2 inches in diameter, with toothed edge,	20
" " 2 " " " " stamped, and with two links of chain,	40
11. Round Brass Key Tabs, 3 inches in diameter, with toothed edge,	50
" " 3 " " " " stamped, and with two links of chain,	70
15. Oblong Brass Key Tabs, 3-inch, saw-toothed edge,	40
" " 3 " " " stamped, and with two links of chain,	60
16. Oblong Brass Key Tabs, 4-inch, saw-toothed edge,	80
" " 4 " " " stamped, and with two links of chain,	1 00
17. Oblong Brass Key Tabs, 5-inch, saw-toothed edge,	1 00
" " 5 " " " stamped, and with two links of chain,	1 20
20. Round Brass Baggage Checks, $1\frac{1}{8}$ inch in diameter,	07
" " $1\frac{1}{8}$ " " stamped and strapped, dozen pairs,	85
21. Oblong Brass Baggage Checks, $1\frac{3}{4}$ inch in diameter,	28
" " $1\frac{3}{4}$ " " stamped and strapped, dozen pairs,	1 00
26. Round Brass Money Checks, $1\frac{1}{2}$ inch in diameter,	12
" " $1\frac{1}{2}$ " " stamped,	30



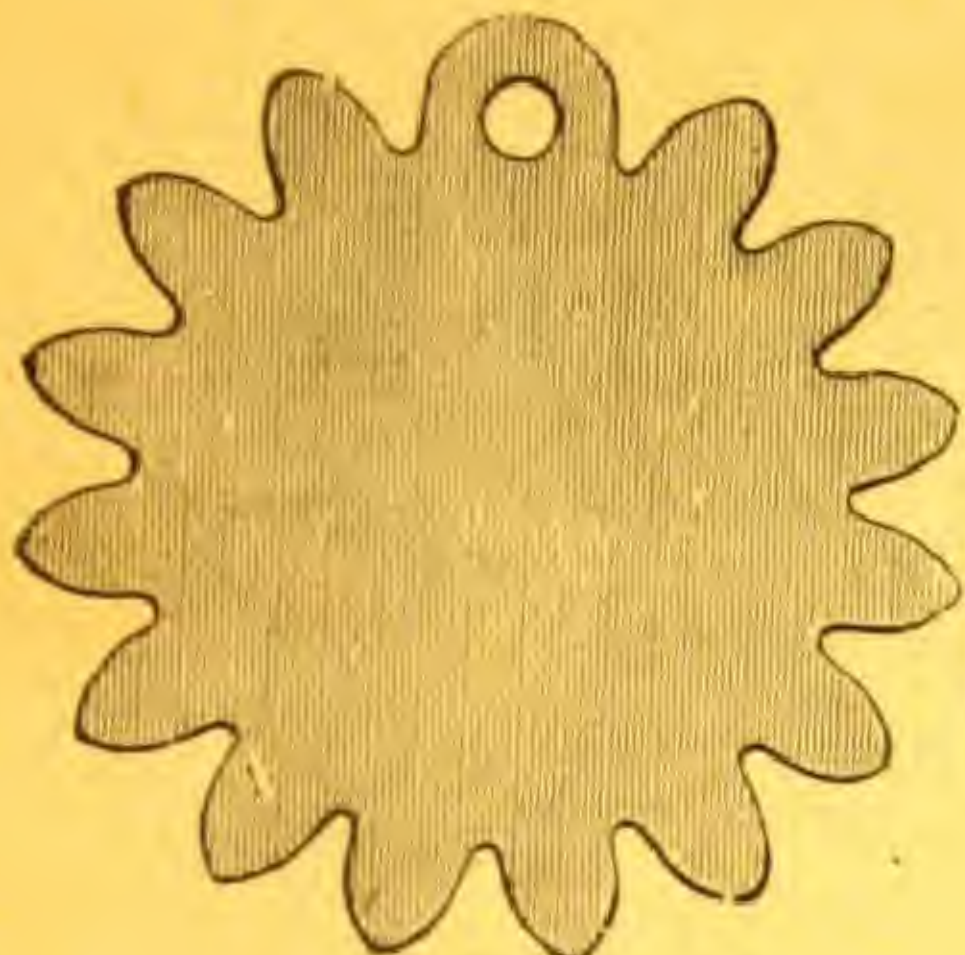
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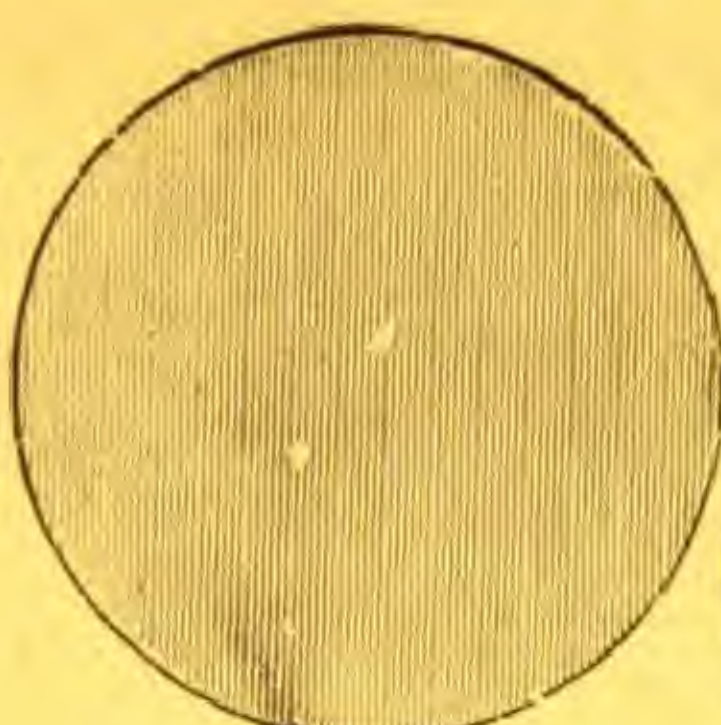
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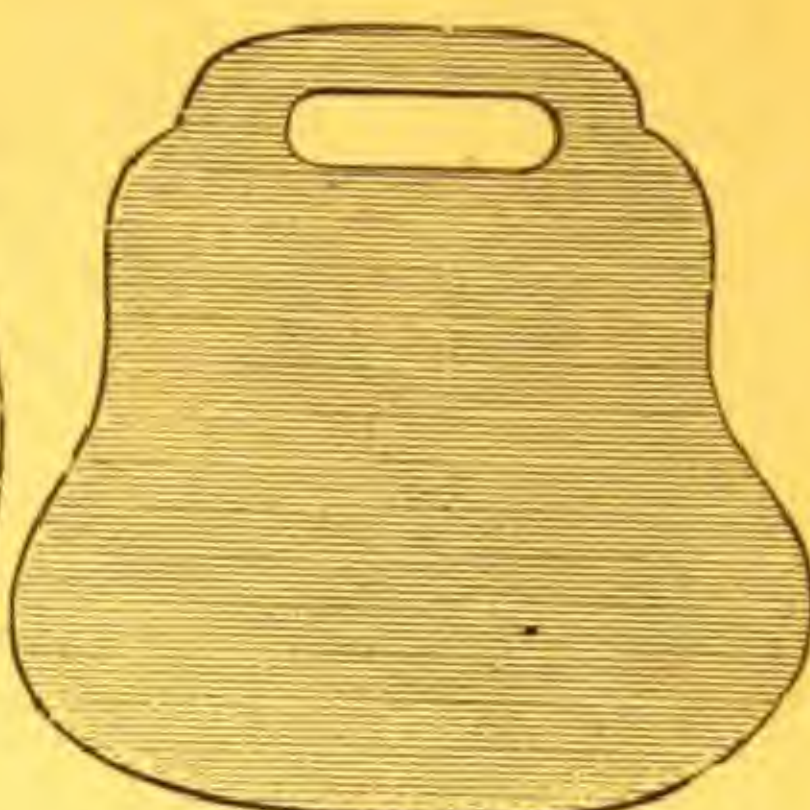
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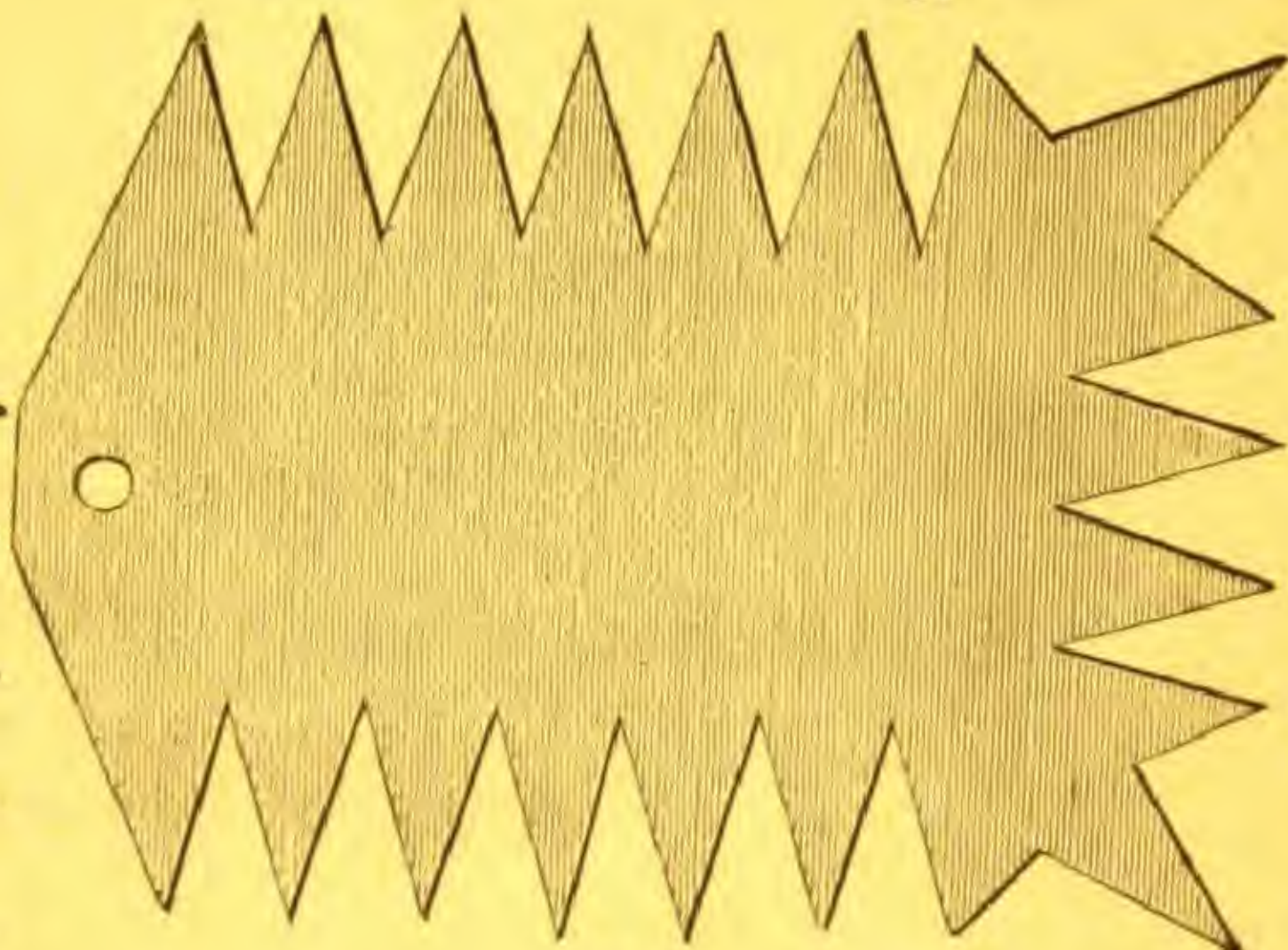
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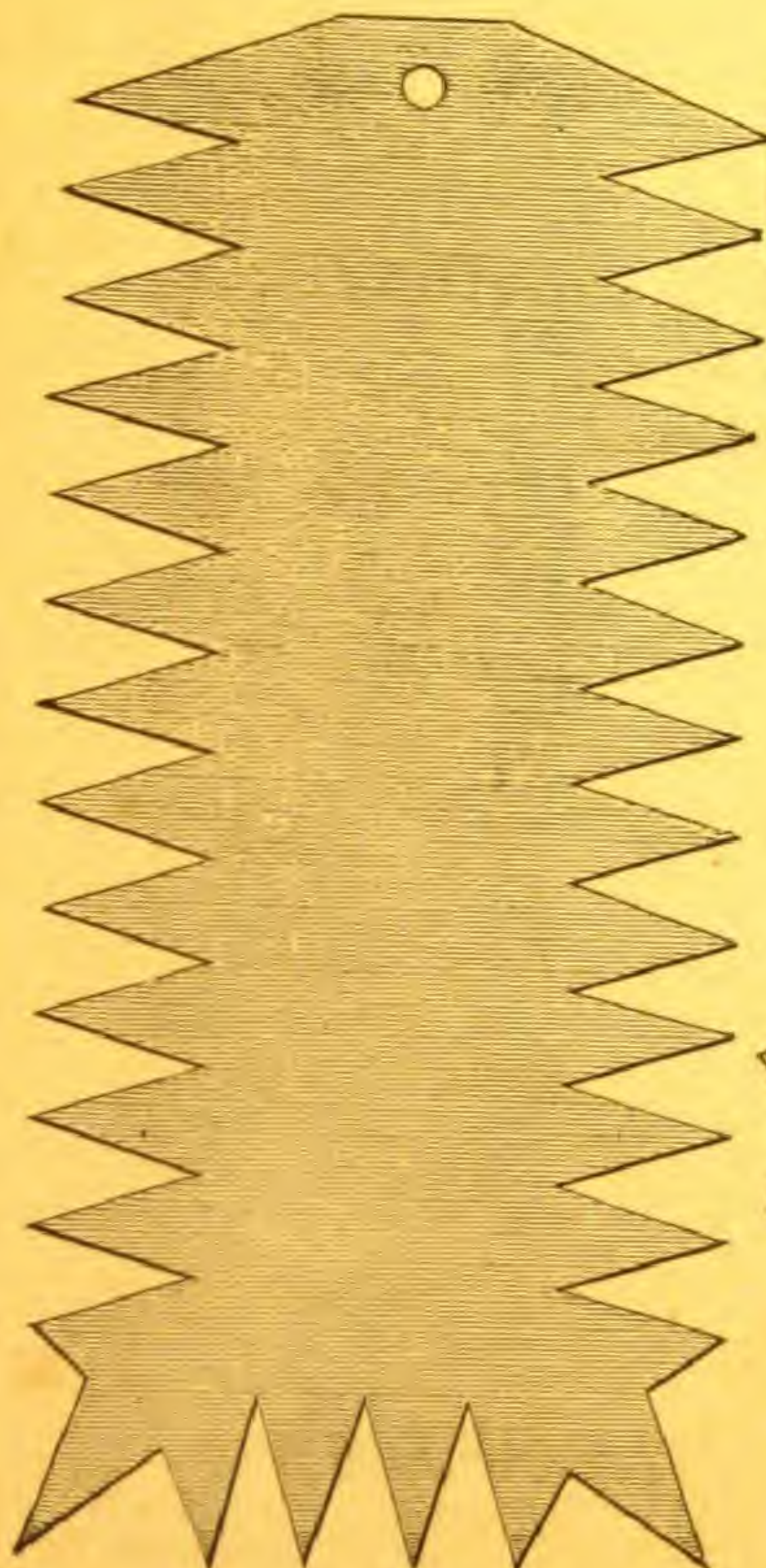
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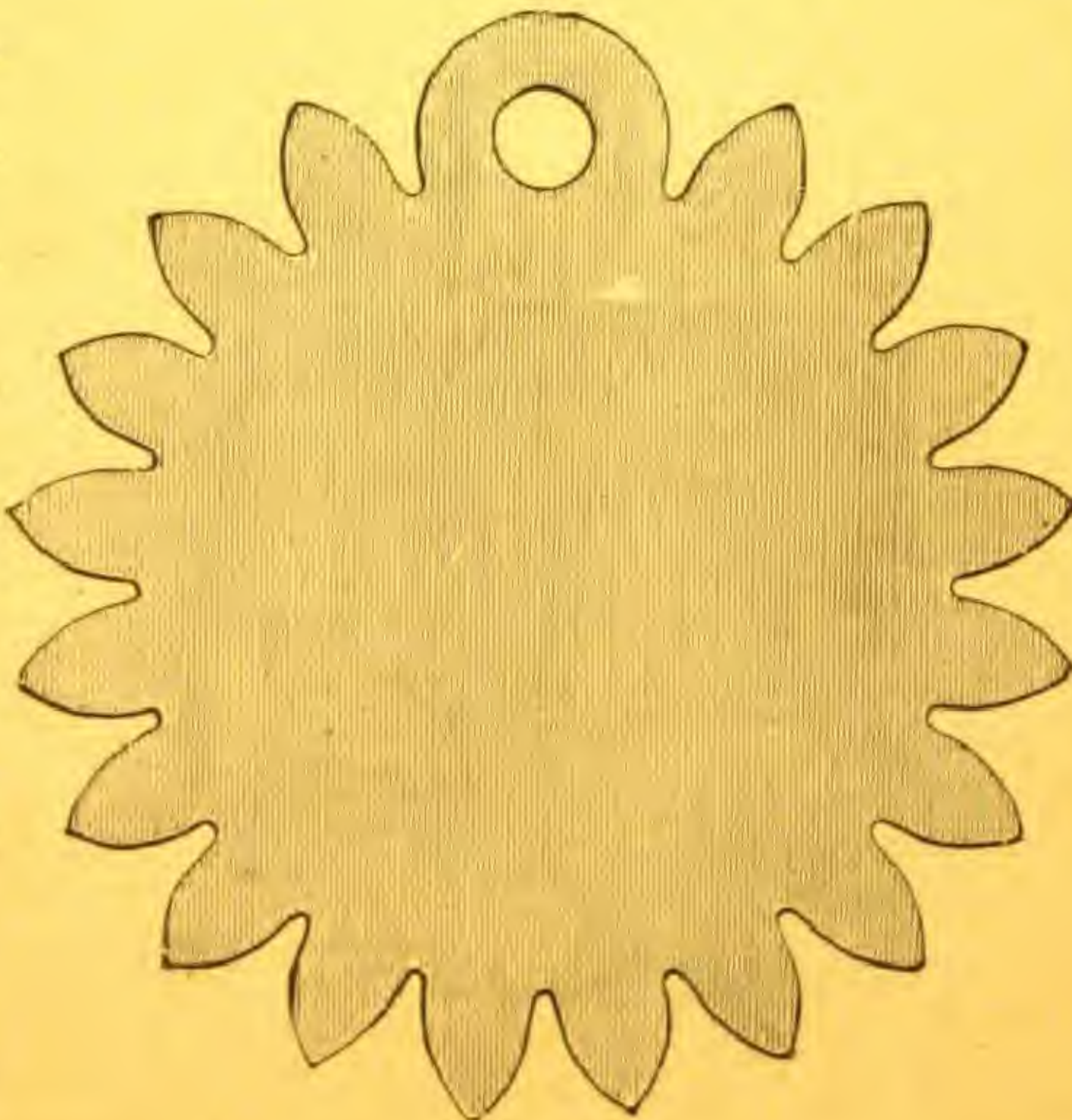
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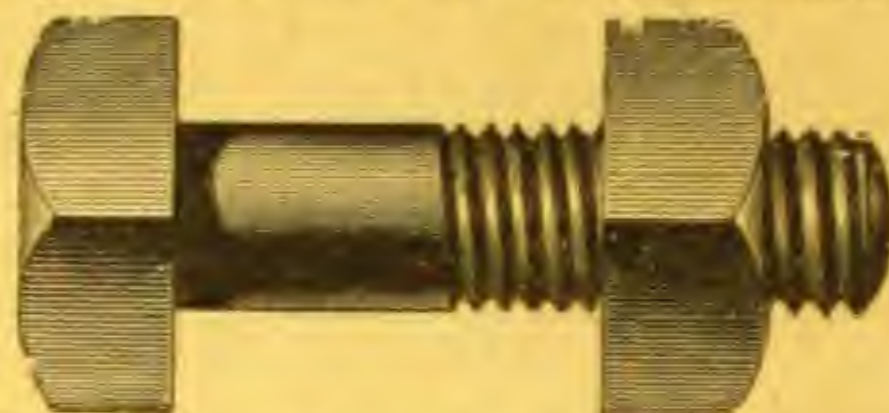
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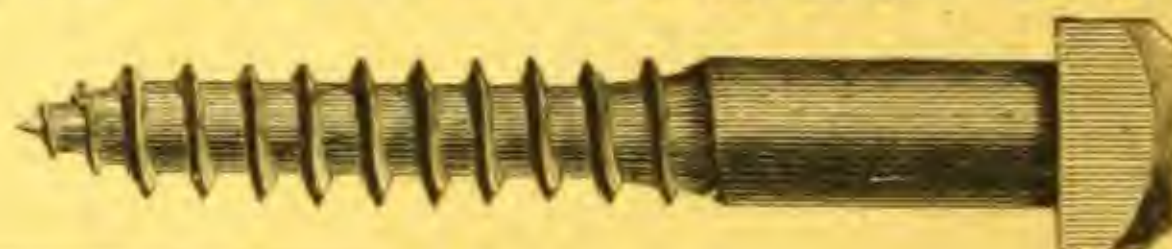
11

MACHINE BOLTS.

With Square Heads and Nuts, Finished Points.



1	Length,	1	1¼	1½	2	2¼	2½	3	4				
—	Per Doz.,	\$0.12	.12	.12	.12	.12	.13	.13	.14				
4	Each,	.02	.02	.02	.02	.02	.02	.02	.02				
5	Length,	1¼	1½	2	2½	3	3½	4	4½	5	6		
—	Per Doz.,	\$0.12	.12	.13	.14	.15	.15	.15	.16	.16	.18		
16	Each,	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03		
3	Length,	1½	2	2½	3	3½	4	4½	5	6	7	8	
—	Per Doz.,	\$0.13	.14	.15	.16	.17	.18	.18	.19	.21	.23	.25	
8	Each,	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	
1	Length,	2	2½	3	3½	4	5	6	7	8	10	12	
—	Per Doz.,	\$0.22	.26	.28	.28	.30	.33	.35	.37	.40	.45	.50	
2	Each,	.03	.03	.03	.03	.03	.04	.04	.04	.05	.05	.06	
5	Length,	2	2½	3	4	5	6	7	8	10	12	15	
—	Per Doz.,	\$0.36	.38	.40	.44	.48	.52	.57	.61	.70	.77	.90	
8	Each,	.05	.05	.06	.06	.06	.06	.07	.07	.07	.07	.09	
3	Length,	3	4	5	6	7	8	10	12	14	16	18	20
—	Per Doz.,	\$0.56	.63	.68	.73	.78	.85	.96	1.08	1.15	1.25	1.35	1.45
4	Each,	.07	.07	.07	.08	.08	.08	.10	.11	.12	.13	.14	.15

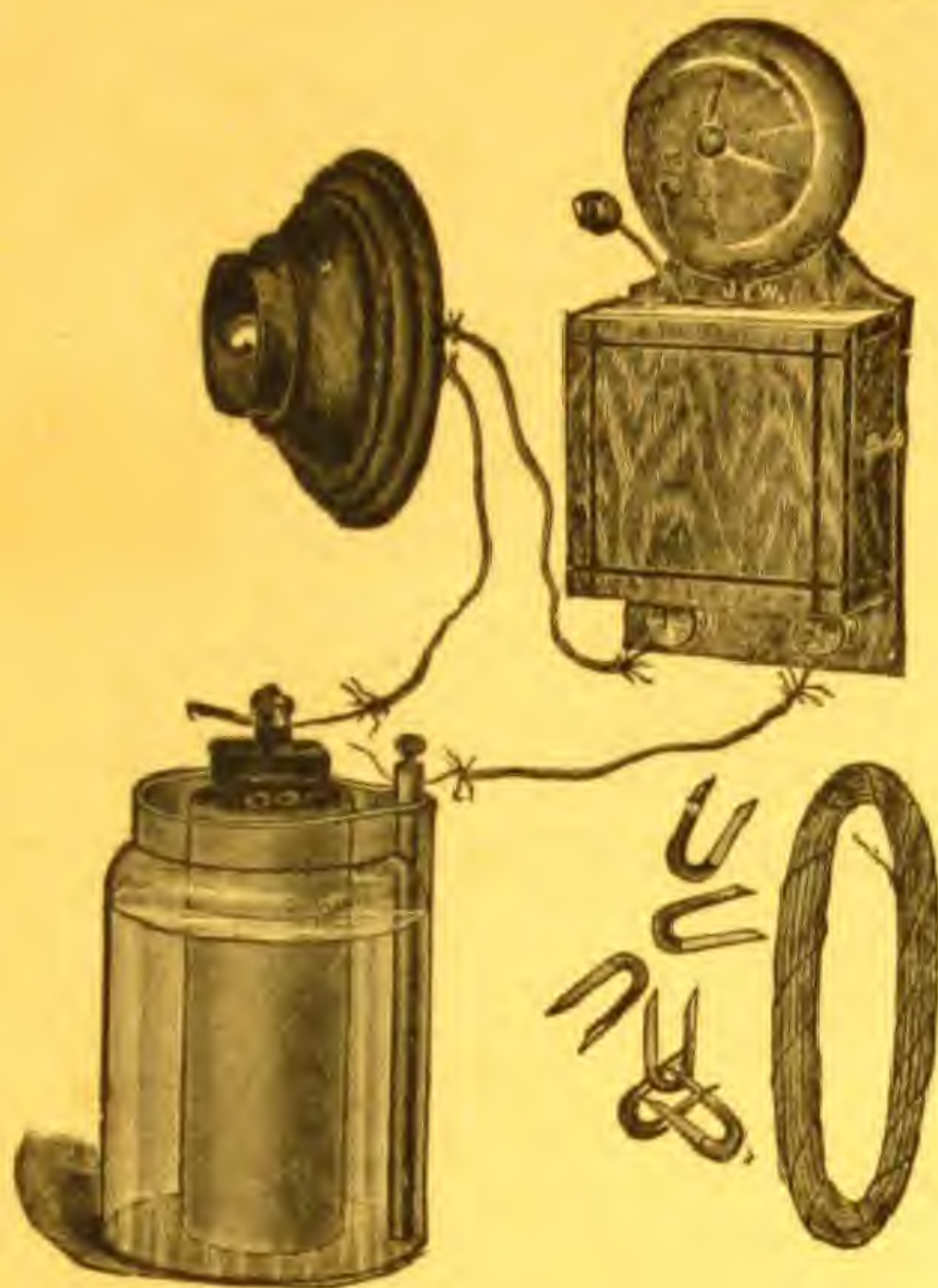
SQUARE HEAD WOOD SCREWS.

5	Length,	1 1/2	2	2 1/2	3	3 1/2	4				
—	Per 100,	\$0.68	.73	.78	.83	.88	.93				
16	Per Doz.,	.12	.12	.14	.14	.15	.16				
	Each,	.02	.02	.02	.02	.02	.03				
3	Length,	1 1/2	2	2 1/2	3	3 1/2	4	5	6		
—	Per 100,	\$0.78	.83	.88	.93	.98	1.01	1.15	1.18		
8	Per Doz.,	.14	.14	.15	.15	.16	.16	.18	.21		
	Each,	.02	.02	.02	.02	.03	.03	.03	.04		
1	Length,	2	2 1/2	3	4	5	6				
—	Per 100,	\$1.16	1.25	1.34	1.52	1.69	1.88				
2	Per Doz.,	.18	.20	.21	.24	.27	.30				
	Each,	.03	.03	.04	.04	.04	.05				
5	Length,	2	2 1/2	3	4	5	6	8	10	12	
—	Per 100,	\$1.63	1.77	1.90	2.18	2.45	2.68	3.28	3.78	4.40	
8	Per Doz.,	.26	.28	.30	.35	.40	.44	.52	.56	.70	
	Each,	.04	.04	.04	.05	.06	.06	.07	.07	.08	
3	Length,	4	6	8	10	12					
—	Per 100,	\$3.12	3.78	4.63	5.38	6.13					
4	Per Doz.,	.50	.62	.77	.85	.94					
	Each,	.05	.07	.08	.09	.11					

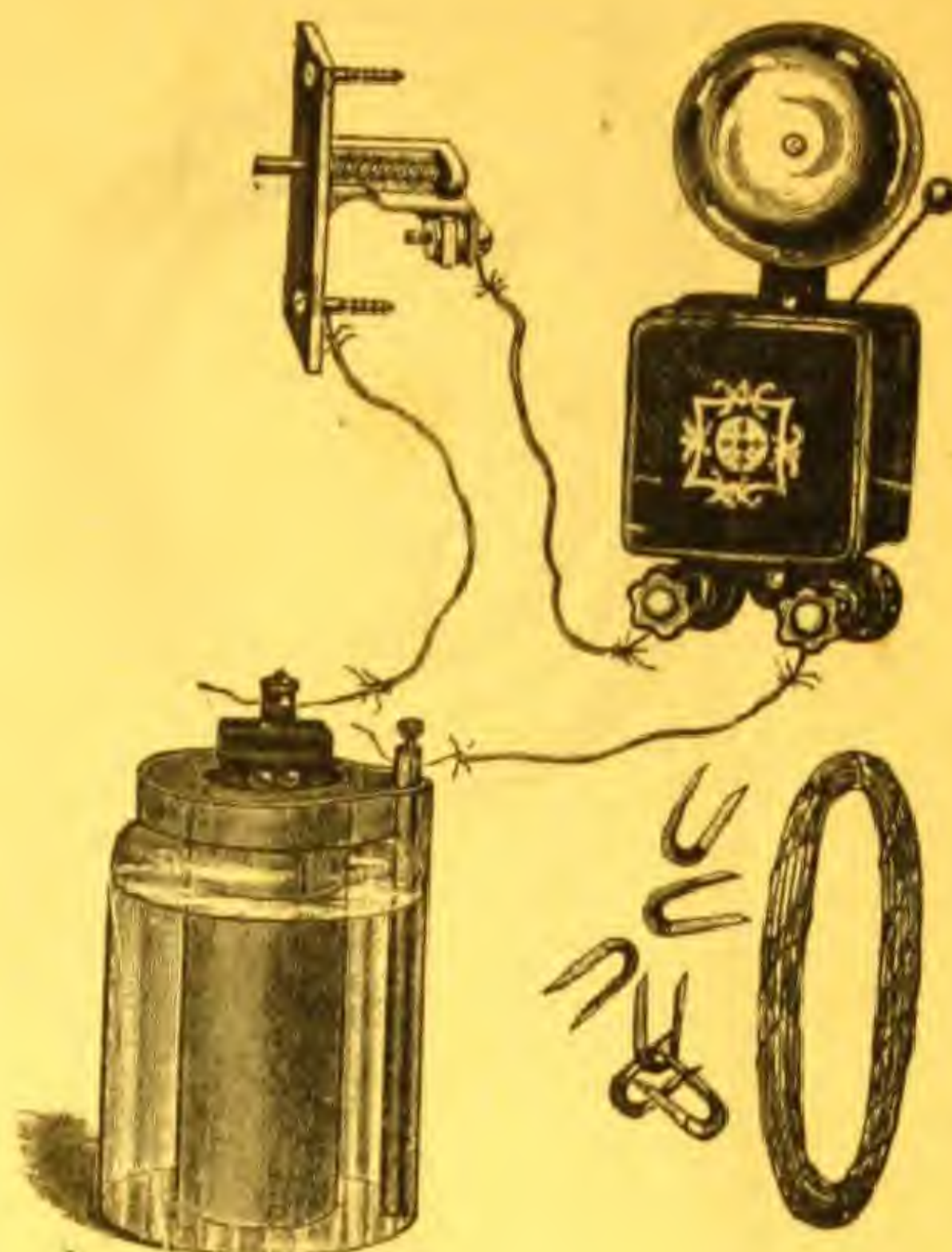
WROUGHT IRON WASHERS.

Size of Hole,	1/4	5-16	3/8	7-16	9-16	5/8	11-16	13-16	15-16	1 1/16
Price per lb.,	\$0.15	.12	.10	.09	.07	.05	.05	.05	.05	.05

ELECTRIC BELLS.



No. 1.



No. 15.

No. 1. Electric Bell Outfit, consisting of one gong bell, one wood push, one "Disque" Le Clanche battery, 75 feet of insulated wire, and staples, . . . \$2 00

No. 2. Electric Bell Outfit, consisting of one gong bell, one bronze push, one "Disque" Le Clanche battery, 75 feet of insulated wire, and staples, . . . 2 25

No. 15. Door Alarm Set, consisting of one gong bell, brass door alarm, one "Disque" Le Clanche battery, 75 feet insulated wire, screws, and staples, 2 25

The door connection is mortised in the door jamb, back of the edge of the door. The alarm is given when the door is opened, and the bell continues ringing until the door is closed. If it is desired to switch off the alarm, for instance, in warm weather when the door is left open, it can be done by means of a switch.

ELECTRICAL SUPPLIES.

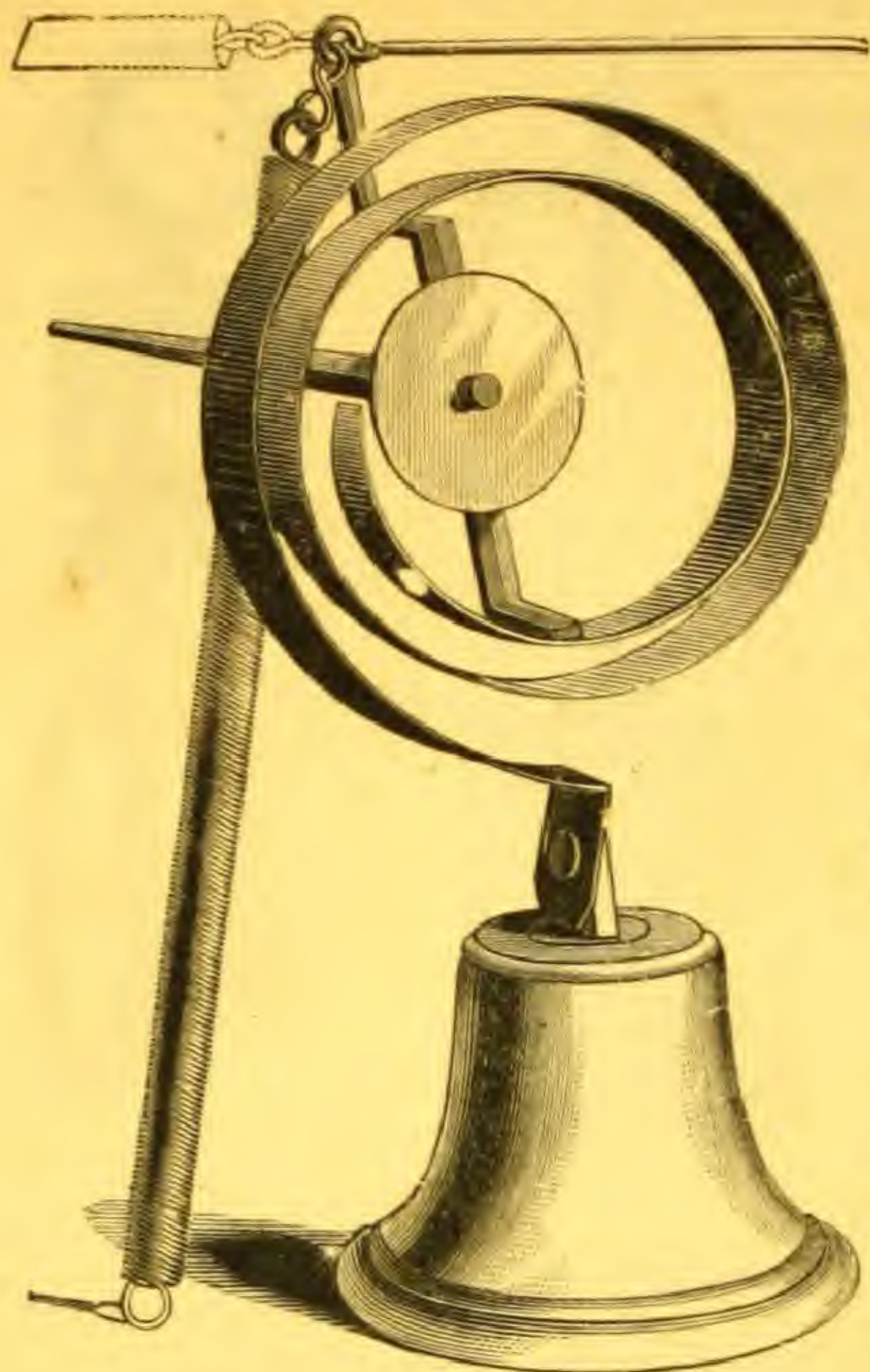
Our Illustrated Catalogue of Electrical Supplies will be sent on receipt of a 2-cent stamp to pay postage.

BARTON'S GONG BELLS.

	Each.	
	Bronzed.	Polished.
3 inch,	\$0 25	\$0 40
4 "	30	50
5 "	40	65
6 "	50	85



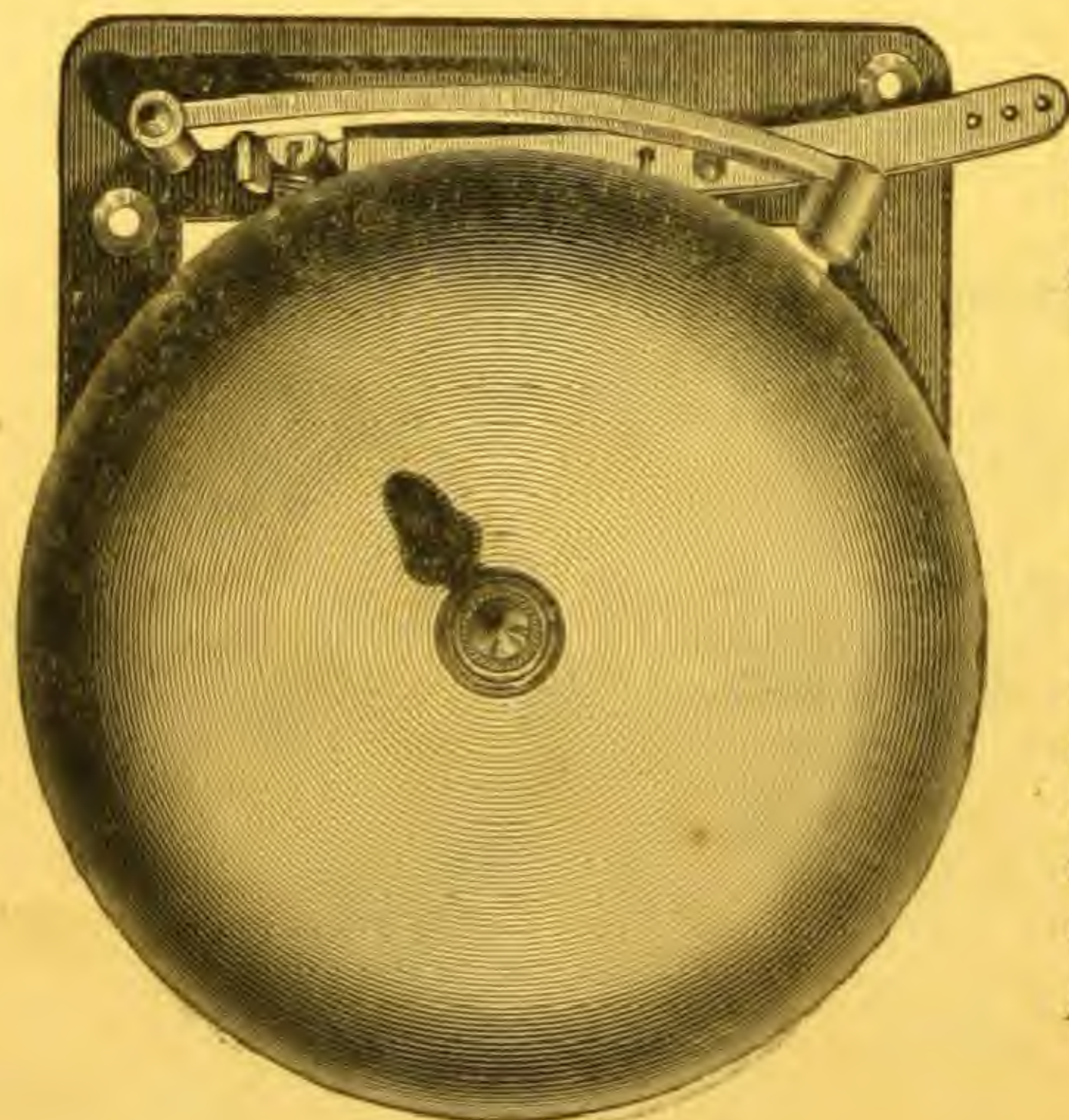
MOUNTED HOUSE BELLS.



Best Quality of Bell Metal House Bells, mounted on a sheet spring with Rosette Shank and Check Spring.

No.	Each.
2. Mounted House Bells,	\$0 60
3. " " " "	65
4. " " " "	75

HALL DOOR GONGS.



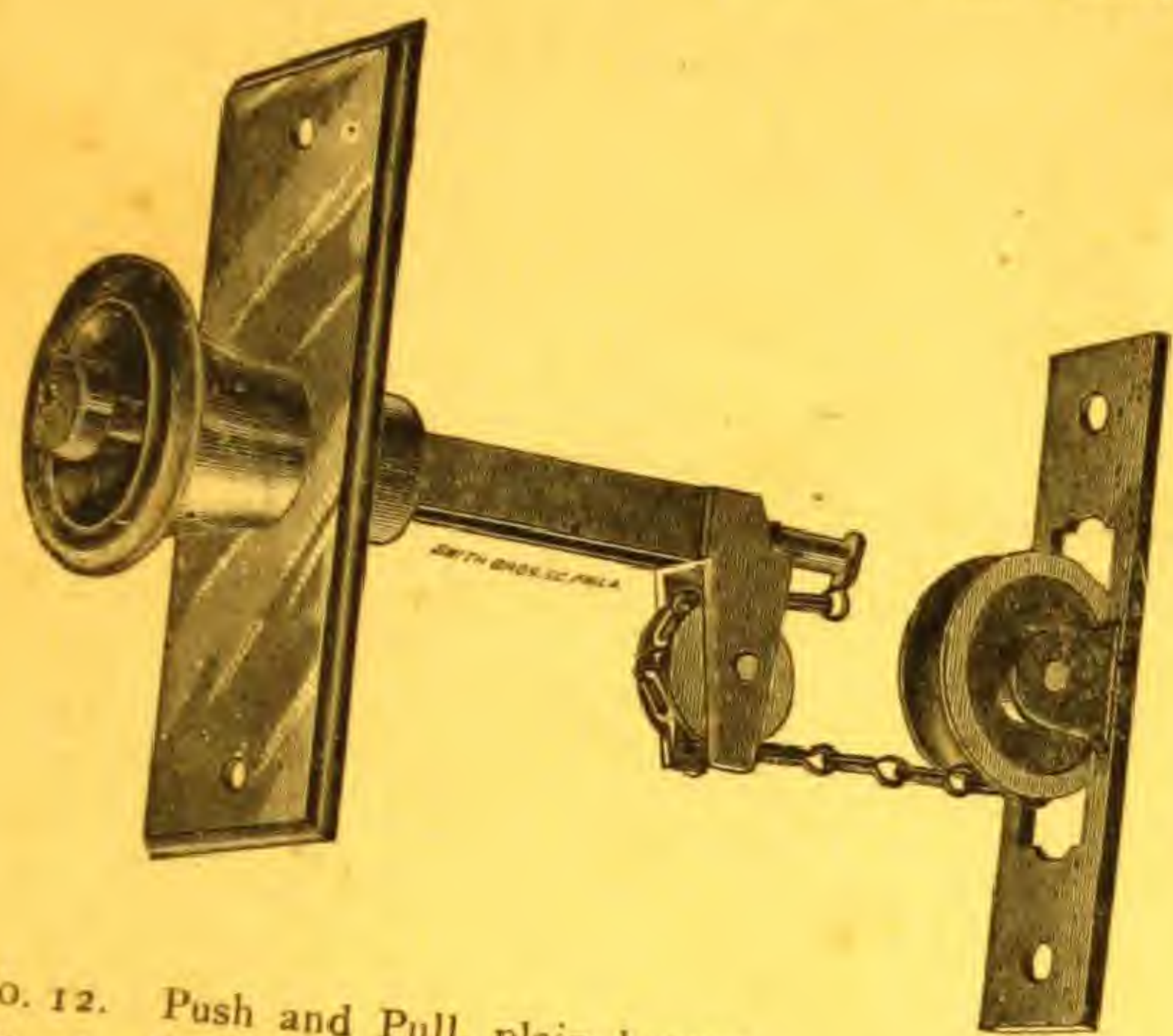
These gongs are made of the best Bell Metal, and are warranted to give satisfaction.

Size.	Each.
3 inch, Hall Door Gongs,	\$0 65
4 " " " "	75
5 " " " "	1 00
6 " " " "	1 35
7 " " " "	2 25
8 " " " "	2 75
10 " " " "	4 25
12 " " " "	7 50
14 " " " "	12 00
16 " " " "	15 00
18 " " " "	20 00

A full line of Iron and Copper Bell Wire, and Bell-hangers' Materials.

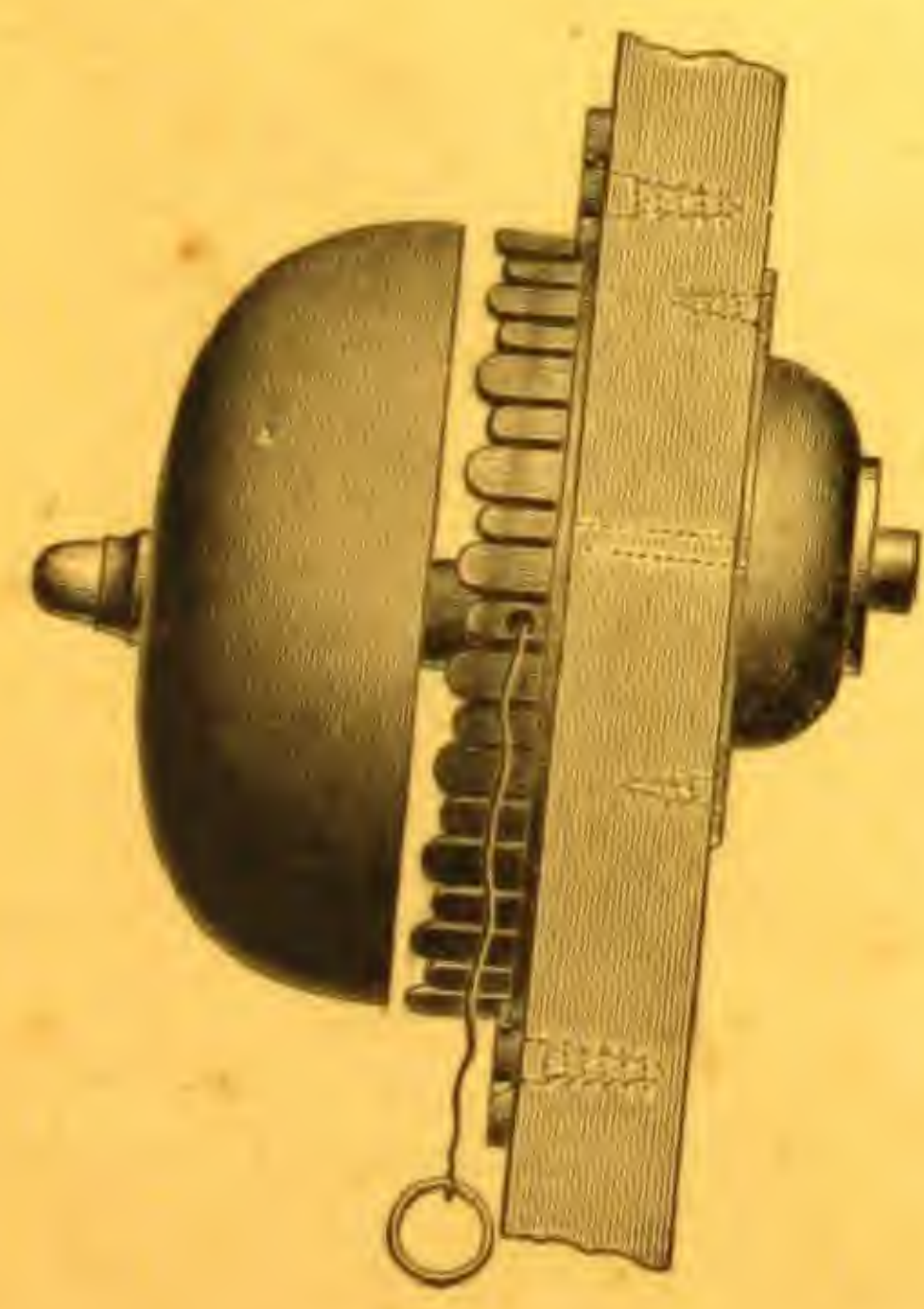
SELF-ACTING BELL AND PULL.

Needs no attention. Electrical effects.



- No. 12. Push and Pull, plain bronze, Each, \$1 00
 No. 1. Bell, Electrical shape, " 1 25

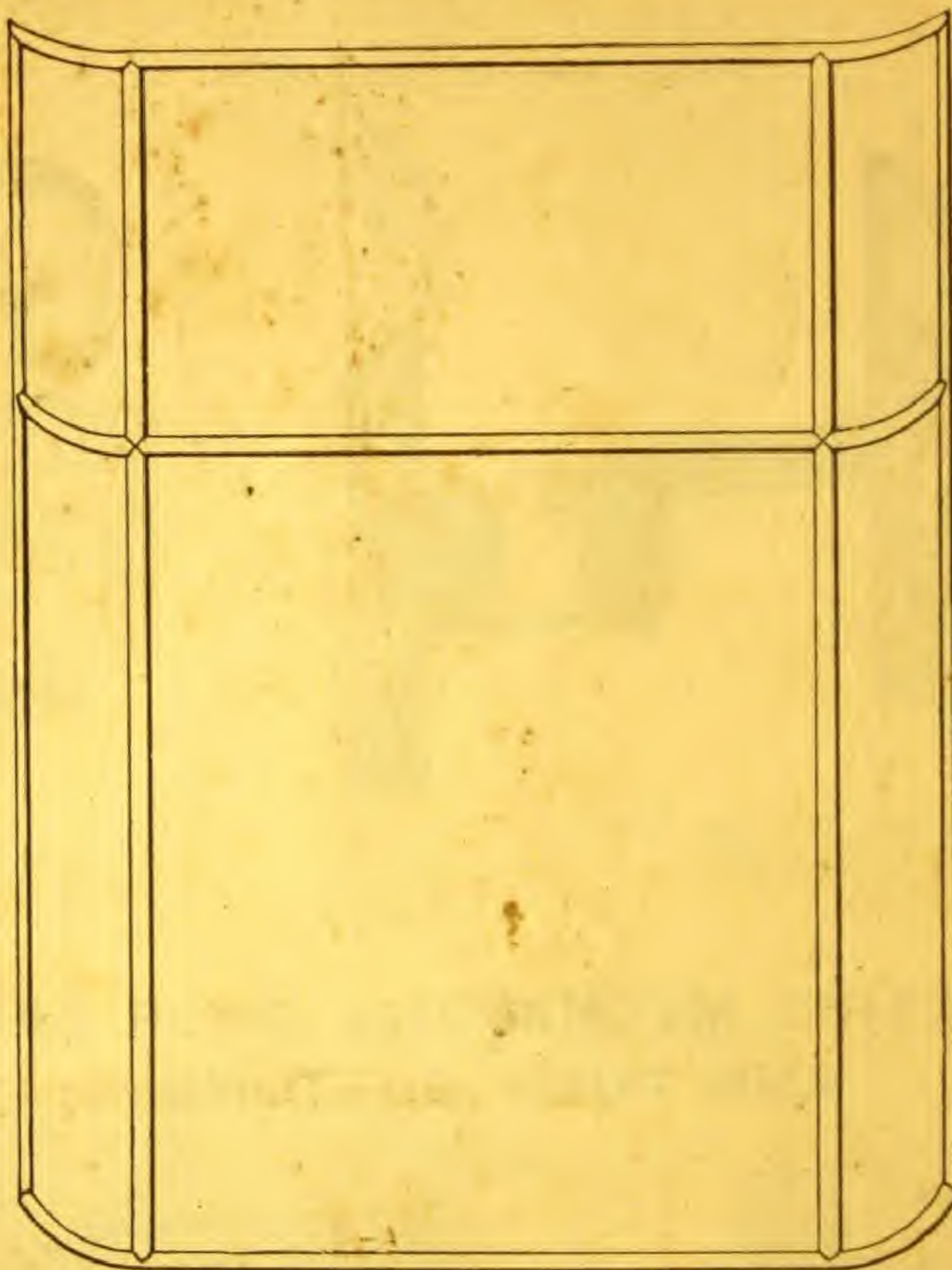
ELECTRIC MECHANICAL DOOR BELLS AND PUSH BUTTONS.



No.		Per doz.	Each.
32.	3½ inch, Bell Metal Bell, .	\$4 50	\$0 45
5.	5 " " " " .	6 50	65
9060.	Plain Bronze Metal Push Buttons,	2 50	25
9061.	Ornamental Bronze Metal Push Buttons,	2 85	30

J. B. SHANNON & SONS,

METAL FRAME FOR BULK WINDOWS.



Special attention of Builders is called to our styles of Metal Sash Mouldings. We are fitting up some of the most attractive windows with our new styles of German Silver, Bronze or Brass Mouldings.

Will do the fitting all complete, or sell the Mouldings by the foot, as desired.



No. 3.
Half size cut.



No. 7.
Half size cut.

No. 3.	1 1/2 inch, German Silver, Bronze or Brass Moulding,	per foot \$0 35
No. 7.	2 " " " " " " " " " " " "	60

Other sizes and shapes furnished



No. 254. F

WROUGHT-IRON, BRASS, AND BRONZE WORK.

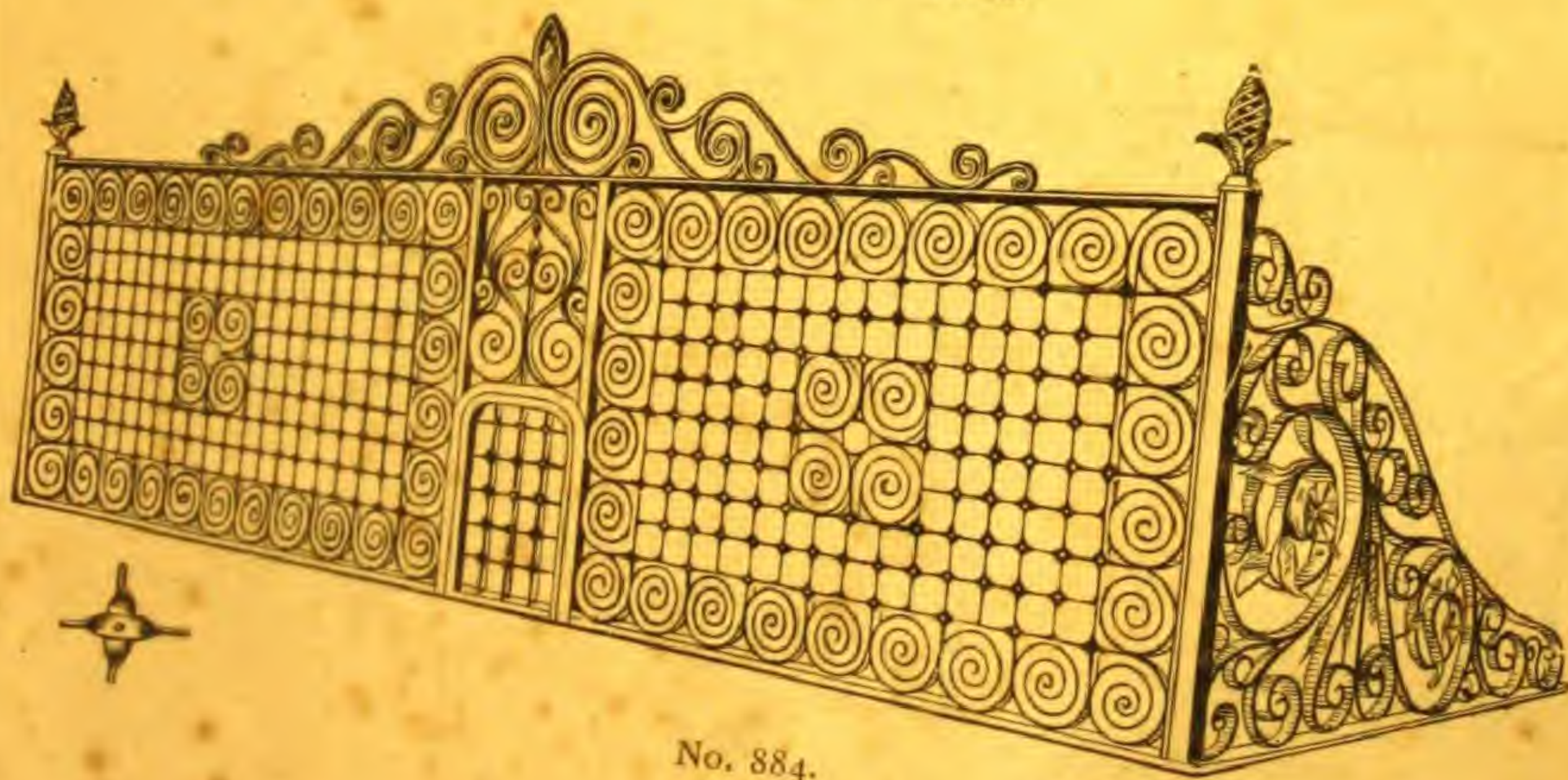
We have especial facilities for making Wrought-Iron, Brass, or Bronze Grilles, Railings, Hinges, and any other Hand-work which may be desired.

For Wrought-Iron Work we would recommend the Bower-Barff Rustless Iron finish, which gives a beautiful blue-black effect and is unchangeable by exposure to the weather.

For Brass or Bronze Work we can finish in Nickel-Plate, Silver-Plate, Oxidized Silver, Antique Brass, Antique Copper, or Chocolate Bronze, as may be required.

COUNTER AND DESK RAILING.

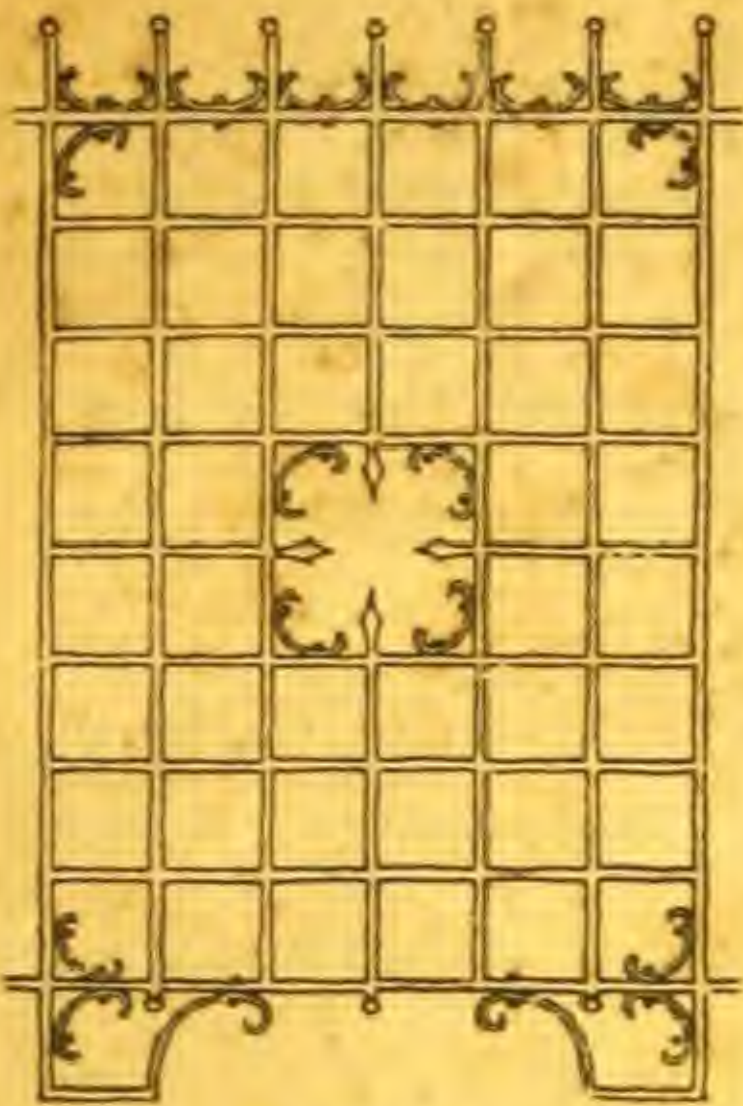
FINE POLISHED BRASS.



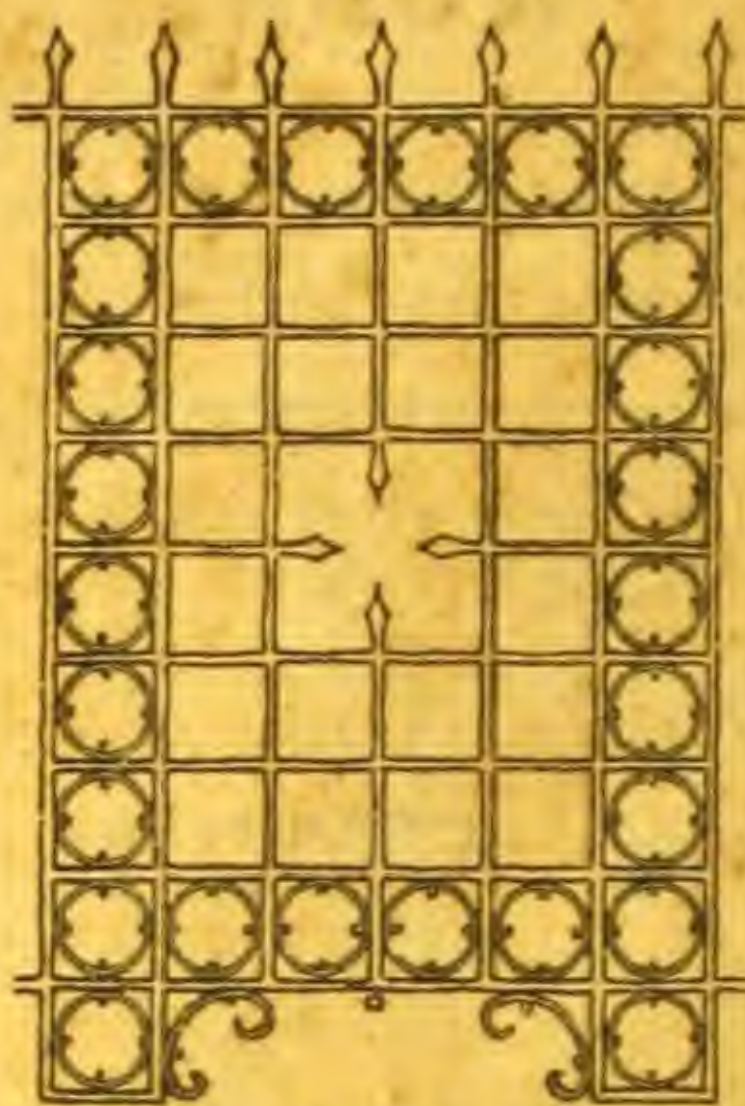
No. 884.

No. 884. Fine Polished Brass Railing, $1\frac{1}{8}$ inch square opening. Price will depend somewhat on the quantity wanted.

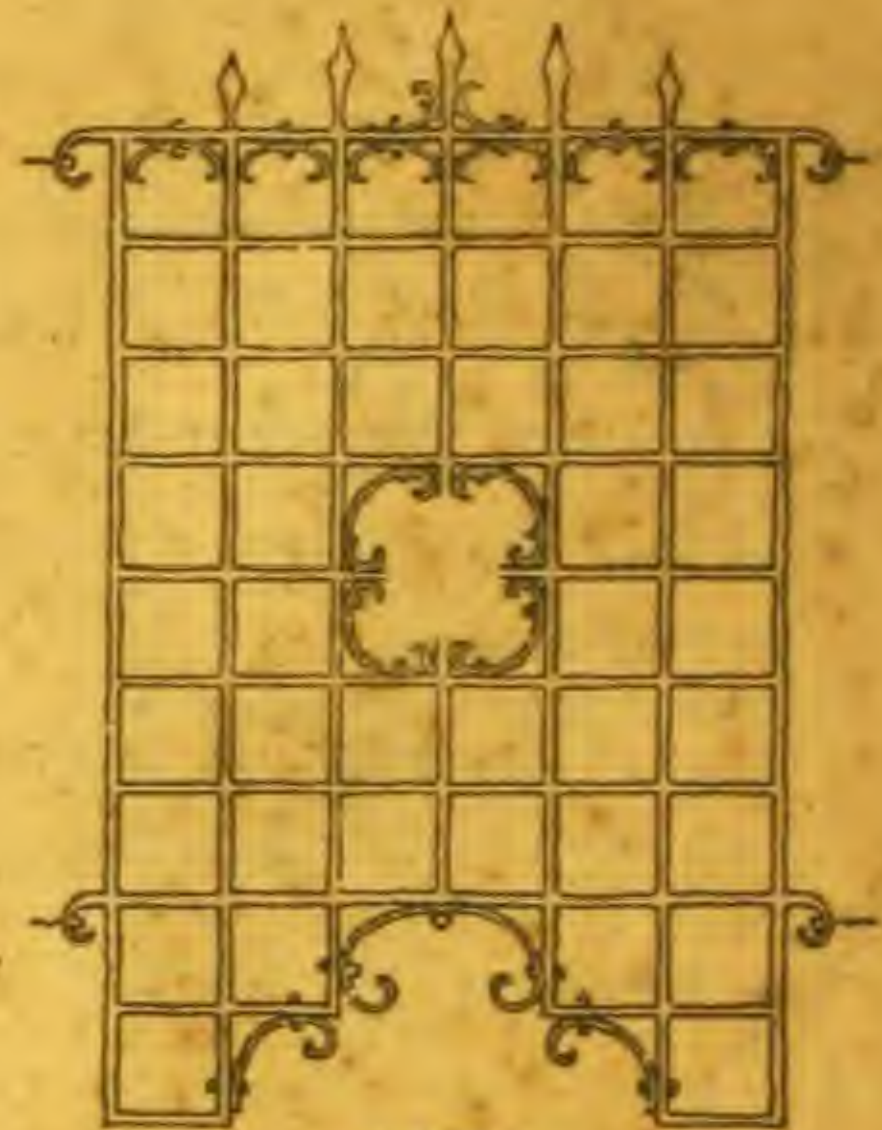
DESK GRILLES OR BANK WICKETS.



790.



791.



792.



787.



788.



789.

Made in Wrought Iron, Brass or Bronze. Price will depend on the size and quantity wanted.